CONSTRUCTION NEWS

Engineering News-Record, Nov. 5, 1925

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired and received and contracts awarded are the following big jobs:

Proposed Work

Auditorium, St. Louis, Mo., City having preliminary plans prepared, $5,000,000.

College, San Leandro, Calif., St. Mary's College had plans prepared, $3,000,000.

Theatre, Palm Beach, Fla., F. Ziegfield plans building, $3,000,000.

School, New Orleans, La., Orleans Parish School Board plans bond sale, $2,500,000.

Hotel, New York, N. Y., J. C. Abramson having plans prepared, $2,000,000.

Sea Wall, Pascagoula, Miss., City and Jackson Co. plans 2-mi. sea wall, $2,000,000.

Hotel, Yonkers, N. Y., Yonkers Chamber of Commerce having plans prepared, $1,500,000.

Office, Hartford, Conn., Travelers' Insurance Co. had plans prepared, $1,500,000.

Bank and Office, Nashville, Tenn., Fourth & First National Banks having preliminary plans prepared, $1,000,000.

Hotel, Santa Barbara, Calif., Biltmore Corp. plans hotel, $1,000,000.

Theater, Jamaica, N. Y., Tri-United Corp. having plans prepared, $1,000,000.

Theater, Buffalo, N. Y., Fox Film Co. plans building, $1,000,000.

Medical Arts, Wichita Falls, Tex., J. W. Culbertson having plans prepared, $1,000,000.

Bids Wanted On Big Jobs

Hotel, Newark, N. J., I. R. Roe, c/o Sharpe, Bready & Peterkin, Inc., N.Y.C., soon takes bids, $2,000,000.

Drainage, etc., Osceola, Ark., Sub-Dist. 3, D. D. 9, Mississippi Co., takes bids, Nov. 19, $2,000,000.

High School, Jackson, Mich., Bd. Educ. soon takes bids, $1,200,000.

Power Plant, St. Louis, Mo., Bd. Pub. Service soon takes bids, $1,000,000.

Large Contracts Let During Week

Railway, Idaho, Northern Pacific R.R. Co. to Twohy Bros., San Francisco, Calif., $3,500,000.

Hotel, Los Angeles, Calif., Hotel Holding Corp. to Trewhitt-Shields, $3,000,000.

Stadium, Chicago, Ill., South Park Comrs. to J. Griffiths & Sons Co., $2,202,605.

Apartment, Chicago, Ill., A. W. Swayne to A. Brundage Co., $2,000,000.

Apartment, New York, N. Y., Jatison Constr. Co., Inc., will build by day labor, $2,000,000.

Paving, Punta Gorda, Fla., Charlotte Co. to Broadbent Constr. Co., $1,711,167.

Sea Wall, New Orleans, La., New Orleans Lever Bd. to Reynolds Dredging Co., $1,680,000.

Bank and office, Charlotte, N. C., First Nat. Bk. to Hunkin-Conkey Constr. Co., Cleveland, O., $1,500,000.

Apartment, New York, N. Y., Minto Building Corp. will build, $1,000,000.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Ill., Warsaw — Takes bids about Dec. 1, 250 g.p.m. rapid sand water purification plant with pumps, motors, etc., and at a later date 1,800 ft. 8 in. and 700 ft. 4 in. c.i. mains, 100,000 gal. tank on tower, valves, etc. $20,000. E. Flad & Co., 1312 Chemical Bldg., St. Louis, Mo., engrs.

Neb., Callaway — Plans election $27,500 bonds, for waterworks.

N. D., Fargo — Making plans about 19 blocks 10- to 18-in. c.i. mains in 15th St. between 13th Ave. S. and 6th Ave. N. $150,000. R. T. Jacobson, city engr.

Mo., Clayton—See "Unclassified."

Mo., Craig — Defeated $55,000 bonds, waterworks and distribution system, also sanitary sewers in various streets. J. W. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs. Noted Sept. 17.

Mo., Senath—Takes bids about Dec. 1, 75,000 gal. tank on tower, 18,000 ft. 4 and 6 in. c.i. mains, two deep wells, pump house and 2 deep well turbines. E. Flad & Co., 1312 Chemical Bldg., St. Louis, engrs. Noted Oct. 8.

Okla., Altus — Voted $790,000 bonds, Bitter Creek and Lugart water supply. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs. Noted Oct. 8.

Okla., Bethany — Voted $25,000 bonds, new waterworks. H. E. Musson, Grain Exch. Bldg., Oklahoma City, engr. Noted Oct. 15.

Calif., Ontario — Plans election $175,000 bonds, extending and improving waterworks.

T. H., Hawaii—City and Honolulu Co. plan to sell $1,000,000 bonds, improving waterworks and sewerage system.

BIDS DESIRED

N. Y., Brooklyn—Nov. 10, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in St. Nicholas and 23rd Aves., Avenue M, Court, Montague, Lorraine, 56th, 61st, 70th, 71st, 84th, 93rd, East 13th, East 87th, and North 15th Sts., here.

N. Y., Brooklyn—Nov. 3, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Battery, Central, Euclid, Narrows, Remsen Sts., etc., here.

N. Y., St. George — Nov. 13, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Augusta, Cheves, Clove, Cromwell, Forest, Glendale, Gridley, Nugent and Oak Sts. etc., here.

N. Y., St. George — Nov. 10, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Richmond Turnpike, Bay and Canal Sts., St. Pauls and Midland Aves., here.

N. C., China Grove—See "Sewers."

Fla., Holly Hill—Nov. 17, by Bd. Bond Trustees, 72,000 lin.ft. 1½- to 2-in. distribution mains, hydrants, steel tank and tower, etc. N. A. Hotard, New Smyrna, engr. Noted June 18.

Miss., Biloxi—See "Streets and Roads."

O., Cleveland—Nov. 14, by Comrs. Cuyahoga Co., 4,000 ft. 8 in. c.i. mains in Belrose Ave., Impvt. 352. $15,000. F. Williams, Court House.

Tex., Denison — C. E. Haydon, engr., Denison, taking bids 13,180 ft. 66- to 10-in. b.t. pipe, 14 flush tanks, manholes, one 300 g.p.m. dry pit, etc., for City. $6,000. Work will be done by day labor.

Wash., Auburn—Nov. 14, by City, waterworks system, incl. 2 m.g. concrete lined reservoir, ram tank and ram house with three 12 in. hydraulic rams, 2 mi. 24 in. wood or ⅛ in. steel pipe, 2 mi. 8- to 16-in. wood, steel and c.i. pipe, etc. $150,000. Address City Engineer.

Ore., Bend—Nov. 20, by City, 67,000 lin. ft. 12- to 16-in. steel or wood pipe line for waterworks. $250,000. Alternate bids on wood and steel pipe, all labor and material except pipe, also pipe line complete. Stevens & Koon, Spalding Bldg., Portland, engrs.

BIDS RECEIVED

N. J., Glen Gardner—State Institutions & Agencies, Trenton, B. G. Lewis, comr., c.i. water tower, 10 ft. high, 200,000 gal. capacity, and 2 pumps, at New Jersey Sanitorium for Tuberculosis, here, from Hellings & Barns, 151 East 21st St., New York City, $39,840. Noted Oct. 8.

CONTRACTS AWARDED

Mass., Gardner — Commonwealth of Massachusetts, Boston, about 10,500 lin.ft. 6- to 8-in. c.i. mains at Gardner State Colony, here, to W. P. Bryne, 63 Sharon St., West Medford. Engrs. est. $15,000.

Mass., Nahant — For about 12,000 ft. watermains in various streets, to J. Sheehan, 585 Western Ave., Lynn, $16,500. Noted Aug. 13.

Conn., Wallingford—Concrete tanks for filtration beds, to T. F. Dwyer, 97 Sheffield St., New Haven, $11,020; housing for same, to Immick Co., State St., Meriden, $6,810. Engrs. est. $35,000. Noted Oct. 29.

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc., in Battery and Central Aves., also 4th and 5th Aves., here, to Carter Contg. Co., 432 79th St., $22,300 and $16,890 respectively. Noted Oct. 29.

N. Y., Long Island City — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains, etc., in Pell Ave., etc., also 44th, 42nd Aves., etc., here, to Wataga Contg. Co., 308 Lenox Ave., New York City, $63,264 and $27,910 respectively. Noted Oct. 29.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains, etc., in Carpenter and Baychester Aves., to Riverdale Water Wks., 355 East 113th St., $29,946 and $34,733 respectively; in Andrews Ave., to Melrose Constr. Co., 230 East 162nd St., $17,945. Noted Oct. 29.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., watermains, etc., in various streets, to Draganette Constr. Co., 1123 Clinton Ave., $12,494. Noted Oct. 8.

O., Euclid—See "Sewers."

Mich., Detroit—Bd. Water Comrs., 30,727 ft. c.i. mains, incl. 30,450 ft. 24 in. pipe, etc., to J. A. McDace, 1992 Webb Ave, Detroit, $121,234 Noted Oct. 29.

Mich., Detroit — Bd. Water Comrs., to Badger Meter Mfg. Co., 841 30th St., Milwaukee, Wis., ten thousand ⅝ in. meters at $6.40 each, total $64,000, one hundred and fifty 1½ in. meters at $25.90, seventy-five 2 in. meters $38.50 each, and twenty-four 3 in. bronze casing disc. meters at $88; to Worthington Pump & Mchy. Corp., 115 Bway., New York City, twenty-four 3 in. compounds at $130 each.

Ill., Lake Forest — For 15,150 ft. 6- to 10-in. c.i. pipe, 38 gate valves and boxes, 10,560 lb. specials, etc., to J. L. Frye, Lake Forest, $38,650.

Minn., Columbia Heights (Minneapolis P. O.)—Installing c.i. mains in various

Waterworks (Continued)

streets, to Thornton Bros., 318 Endicott Bldg., St. Paul, $17,887.

Minn., Minneapolis — F. S. Gram, city purch. agt., 2 traveling water screens for new filtration plant (now under construction), to Chain Belt Co., 614 Builders Exch., $5,070. Noted Oct. 8.

Tex., Denison—See "Bids Desired."

Okla., Holdenville—For 6 mi. 6- to 14-in. c.i. mains, valves, hydrants, pumping stations, equipment, etc., to T. H. White & Co., 1329 West 19th St., Oklahoma City, $86,123; 2 m.g. storage reservoir, to Park & Moran, 210 South Seminole St., Okmulgee, $28,800. Noted Oct. 1.

B. C., Point Grey—Municipality of Point Grey, 26,000 lin.ft. 4- to 10-in. c.i. pipe, to Leith, Murray & Co. Ltd., 510 Hastings St. W., Vancouver, $21,625.

Sewers

PROPOSED WORK

N. J., Margate—Plans drainage system in Winchester Ave. $25,000. H. N. McConnell, city clk. Engineer not selected.

Tenn., Kingsport—Voted $50,000 bonds, sewers in various streets.

Ill., Red Bud—Making preliminary plans sanitary sewerage system and disposal plant. Bruce & Grupe, 710 Bankers Reserve Life Bldg., Omaha, Neb., engrs.

Wis., Fond du Lac — J. Hohensee, city clk., plans sanitary sewers in Cottage Ave., North Main, Roosevelt, Scott, Dixie, Hickory and East Sibley Sts.; and storm sewers in John, Walker and McWilliams Sts. G. Stanchfield, City Hall, engr.

Mo., Clayton—See "Unclassified."

Mo., Craig—See "Waterworks."

Mo., Senath—Takes bids about Dec. 1, 3.5 mi. 8- to 12-in. vitr. clay sewers in various streets, and Imhoff sewage disposal plant with sludge bed, etc. E. Flad & Co., 1312 Chemical Bldg., St. Louis, engrs. Noted Oct. 8.

Mo., Sikeston—Voted $82,000 bonds, approximately 50,000 ft. 8- to 48-in. sanitary sewers, etc., in various streets. F. L. Wilcox, Chemical Bldg., St. Louis, and L. T. Berthe, Charleston, engrs. Noted Aug. 13.

Ark., Little Rock — See "Streets and Roads."

Tex., Corsicana — Election Nov. 7, $50,000 bonds sewer extensions. J. S. Murchison, Corsicana, mayor.

Tex., La Feria — Voted $30,000 bonds sewer improvements and probably septic tank. Address Mayor.

Tex., Wichita Falls—Election Nov. 10, $300,000 bonds sewage disposal plant. Montgomery & Ward, 1016 City Natl. Bank Bldg., engrs.

Okla., Bethany — Voted $25,000 bonds, new sanitary sewerage system, outfall sewers and disposal plant. H. E. Musson, Grain Exch. Bldg., Oklahoma City, engr. Noted Oct. 8.

Okla., Edmond—Defeated $36,000 bonds, sewerage system and disposal plant. Peckham & James, 227 West Grand St., Oklahoma City, engrs. Noted Aug. 27.

Ore., Klamath Falls — Plans election $200,000 or more bonds for sewage disposal plant.

Calif., Oakland—Made plans 11,946 ft. 8 in. vitr. sewer, etc., in portions Davenport, Fair Aves., etc. W. W. Harmon, city engr.

Ont., Scarboro — Scarboro Twp. plans 3,784 lin.ft. 15- to 36-in. diam. trunk sewer in Blantyre Ave., Courcellette Rd. and Queen St. $57,308. C. E. Fraser, 1361 Kingston Rd., Toronto, engr.

Ont., Toronto — Plans sewage disposal plant, in North Toronto. $1,000,000. R. C. Harris, city engr.

Ont., Toronto—York Twp. soon takes bids 4,500 lin.ft. 8 and 12 in. vitr. tile sewers in Vaughan Rd., Northcliff Blvd., Alameda, Lanark, and Harvee Aves. $25,000. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto—York Twp. plans 7,500 lin.ft. 8 in., etc., vitr. tile sewers in Everdeen and Weston Rds. $38,325. F. B. Goedike, 40 Jarvis St., Toronto, engr.

T. H., Hawaii—See "Waterworks."

BIDS DESIRED

N. Y., Long Island City — Nov. 10, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sanitary sewers in various streets.

Maryland — Nov. 17, Comrs. Baltimore Co., Courthouse, Towson, 27,005 lin.ft. 6 and 8 in. terra cotta sewer, 1,200 lin.ft. 6 in. tile underdrain, etc. in Colgate and Catonsville. A. E. Walden, Courthouse, Towson, ch. engr.

N. C., China Grove — Nov. 10, by Town, City Hall, 7.6 mi. 8 in. sewers and 21,216 ft. 6 and 8 in. c.i. mains, etc. in various streets. J. B. McCrary Eng. Corp., Citizens & Savings Bank Bldg., Atlanta, Ga., engrs.

Fla., Holly Hill—Nov. 17, by Bd. Bond Trustees, 20,400 ft. 10- to 18-in. storm and 6,500 ft. 6 in. sanitary sewers in various streets. N. A. Hotard, New Smyrna, engr. adv. E. N.-R. Oct. 29 and Nov. 5.

Wis., Fond du Lac — Nov. 12, by P. F. Hohensee, city clk., 16,300 ft. 18- to 30-in. rein-con or double strength sewers, etc. in various streets. G. H. Stanchfield, city engr.

BIDS RECEIVED

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, Oct. 28, **(e. e. means engrs. est.)**; from P. J. Dolon Contg. Co., Snyder Ave. and East 56th St. sewer in West 33rd St. 71% e. e. $167,521; from Pic Vac Corp., in Stillwell Ave. 74% e. e. $20,153; from Nazzarro & Guerriero, West 9th St., East 12th St. 73.93% e. e. $8,781; and West 10th St., 69.97% e. e. $3,742; from Manmill Constr. Co., 2035 Douglas St., 62nd St. 82.4% e. e. $4,768, East 57th St. 81.8% e. e. $5,607, and 81st St. 81.8% e. e. $3,810; from S. Ambrosio, 1016 East 60th St., East 9th St. 74.95% e. e. $4,766, and Avenue K 78% e. e. $1,663; from A. W. Matarazzo, 1163 61st St., East 57th St. 74.66% e. e. $4,368; from Tomassetti & Co., Inc., 1133 6th St., 93rd St. 77% e. e. $3,490. Noted Oct. 22.

N. Y., Buffalo—Commissionr Pub. Wks., Municipal Bldg., Oct. 23, rein.-con. drain, 13 x 168 ft. (inside dimensions) in bed of Little Buffalo Creek, and Buffalo River with outlet wall at Buffalo River, from J. Johnson Constr. Co., 765 Abbott Rd., Proposal 1, rein.-con. section carried on wooden pile foundation driven to rock, with outlet wall, $348,000; from F. L. Cohen, Inc., 708 East Ferry St., Proposal 2, rein.-con. section carried on 3 ft. diam. caissons to rock, with outlet wall $332,000. Noted Sept. 24.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Oct. 31, outlet barrel stave sewer, pumping facilities, etc., westerly end 5th Ave. near 10th St., from H. Johnson, Astoria Ave. and East 46th St., Elmhurst, $24,960; combined sewer, etc., in 133rd St., from Greenough Coppinger, Inc., 9301 86th Rd., Woodhaven, $2,056. Noted Oct. 29.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Oct. 27, removing old and constructing new sewer in Courtland St. between point 161 ft. west of 11th St. and point 30 ft. east of 12th St., from Ryan Constr. Co., 735 Real Estate Trust Bldg., $49,740; and Winghocking sewer in Ramona Ave. between Cayuga and I Sts., also in private property to Frankford Creek, from Mazzola Marano, 739 South 7th St. $494,120. Noted Oct. 22.

CONTRACTS AWARDED

Mass., Hyde Park (Boston P. O.)—Dept. Pub. Wks., Boston, sewerage works in Sumner Brook and private land, here, to A. Cefalo, 316 Belgrade Ave., Rosindale, $26,378. Noted Oct. 15.

Mass., Lynn—Comn. on Ways & Drainage, City Hall, 60 in. c.i. outfall sewer in Lynn Harbor, to Merritt-Chapman & Scott, 17 Battery Pl., New York City, $494,950. Engrs. est. $617,550. Noted Sept. 3.

Conn., Hamden (br. New Haven) — For 10,800 lin.ft. storm water drain, to A. DiMarco, Plainville, $40,471. Noted Oct. 22.

N. Y., Brooklyn—Park Bd., Dept. Parks, Arsenal Bldg., Central Park, 5th Ave. and 64th Sts., New York City, E. D. Gallatin, pres., vitr. and c.i. pipe drains, etc., at Atlantic Ocean Terminus of Ocean Parkway, to T. O'Connor Co., Inc., 914 12th St., $22,150.

O., Euclid—Vitr. clay sewers and c.i. watermains in Park Dr. and East Park Ave., to Curro & Whittaker, 12208 Mayfield Rd., Cleveland, $30,334.

Wis., Milwaukee — Dept. Pub. Wks., 9 and 10 in. monolithic concrete sewers in Roosevelt Dr. between Sherman Blvd. and Avondal Ave., to H. Hohensee, Ludington Ave., Wauwatosa, $61,245; 8 ft. 6 in. and 7 ft. 6 in. sewer, etc., in Roosevelt Dr. between Avondale and Sheridan Aves., to J. Brogan & Sons, 700 Dousman St., Green Bay, $69,605; 6 ft. monolithic concrete storm and 8 and 12 in. vitr. sanitary sewers in Sheridan Blvd. between Burleigh St. and Sherman Blvd., to Clayton Constr. Co., 929 Hacket Ave. $65,704; storm and sanitary sewers in State St., to G. E. Zimmermann, 3402 Grand Ave., $473. Grand total $197,027.

Tex., Archer City — Complete sewerage system, to Douglas & Mitchell, Wichita Falls, $24,326. Engrs. est. $28,000.

Tex., Houston—Storm sewers in 6th St. from Usener Blvd. to Yale St., to Houston Constr. Co., 210 Standard Lithograph Bldg., $28,515. Noted Oct. 15.

Calif., Pismo—Pismo Sanitary Dist., vitr. lateral sewerage system, to Drainage Constr. Co., Box 345, Santa Ana, $38,590.

Waste Disposal

PROPOSED WORK

Ont., Hamilton — Plans new garbage incinerator, incl. furnaces, building, etc. $80,000. W. L. McFaul, City Hall, engr.

CONTRACTS AWARDED

Mich., Iron Mountain—H. C. Lindholm, city clk., remodeling garbage incinerator, etc., to Jones Odorless Garbage Crematory Co., Syndicate Trust Bldg., St. Louis, Mo., $16,507. Noted Oct. 1.

Bridges

PROPOSED WORK

W. Va., Charleston—H. C. Walker, city mgr., rejected bids for superstructure of span 390 ft. steel bridge over Elk River, here. $66,800. H. L. Campbell, 1550 Lewis St., Charleston, engr. Noted Sept. 10.

Mississippi — State Hy. Dept., Jackson, making estimates ¼ mi. bridge over Pascagoula River at Pascagoula, $200,000; and ⅜ mi. bridge over Escatawpa River, at Moss Point, Jackson Co., $150,000, both in Jackson Co. H. C. Deitzer, Jackson, engr. Noted Sept. 10.

Kan., Coffeyville — Montgomery Co. (Independence) soon takes bids one 122 ft. and two 82 ft. marsh arch span bridge, with 20 ft. roadway, here. Kansas Eng. Co., 1233 Western St., Topeka, and H. K. Hibbard, Independence, engrs.

Kan., Paola—Miami Co. soon takes bids one 40 ft. and one 120 ft. rein.-con. bridges, also 1 subway, on Federal Aid Project 293-E. Kansas Eng. Co., 1233 Western St., Topeka, and F. Gardner, Paola, engrs.

Kan., Topeka—Election Nov. 24, $70,000 bonds, for Bonner Street Viaduct; $162,000 bonds, viaduct at 6th St.; $337,000 bonds, viaduct at 10th St.; $90,000 bonds, for Mellon Bridge, and $500,000 bonds for for bridge over Topeka Ave. E. M. Covell, city clk.

Neb., Niobrara—State Hy. Dept., Lincoln, making plans new seven 100 ft. low riveted truss bridge, 18 ft. roadway, etc. over Niobrara River (on old site), here. R. L. Cochran, Lincoln, highway engr. Noted Sept. 17.

Tex., Anderson—See "Streets and Roads."

Tex., Austin—See "Streets and Roads."

Tex., Batesville — See "Streets and Roads."

Okla., Chandler — Plans election $25,000 bonds for viaduct. Benham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Calif., Los Angeles—Bd. Pub. Wks. soon takes bids 1,580 ft. rein.-con. and steel viaduct on 7th St., 1,628,000 lb. reinforcing, 57,558 ft. bituminous paving, 42,840 ft. bituminous paving on fills, etc. M. Butler, city bridge engr.

Ont., Toronto—Plans 400-600 ft. concrete and steel bridge over Humber River, at Dundas St. $400,000. R. C. Harris, City Hall, engr.

Ont., Toronto — East York and Scarboro Twps. plan 35 ft. concrete bridge and 10 ft. culvert, in connection with Victoria Park Ave. $41,000. C. E. Fraser, 1361 Kingston Rd., Toronto, engr. Scarboro Twp. G. R. Jack, 443 Sammon Ave., engr. East York Twp.

BIDS DESIRED

Georgia—Nov. 12, by State Hy. Dept., East Point, bridge over Satilla River, Federal Aid Project 432-B, 18,500 lb. reinforcing, 100,300 ft. treated timber, etc., and 4 timber bridges on Federal Aid Project 432-B, 73,970 ft. treated and 2,970 ft. untreated timber, etc., all above in Camden Co. H. J. Friedman, Savannah, engr.

Fla., Palatka — Nov. 24, at office Bond Trustees for Special Road & Bridge Dist. 7, Putnam Co., rein.-con. bridge, steel lift span, and earth filled causeway for Putnam Co. Memorial Bridge, about 4,200 ft. long, across St. Johns River. J. W. Hart, secy.; adv. E. N.-R. Oct. 29 and Nov. 5.

Wis., Milwaukee—Milwaukee Electric Ry. & Light Co., Pub. Serv. Bldg., taking bids approximately 800 or 900 ft. steel viaduct on Clybourn St. R. Pinkley, c/o owner, engr. Noted Dec. 18, 1924.

BIDS RECEIVED

South Carolina—State Hy. Dept., Columbia, concrete substructure bridge over Catawba River, Chester-Lancaster Counties, from Small & Triplett, Lancaster $98,400, superstructure for same, from J. S. Bowers, Whiteville, N. C., $35,600; treated timber bridge over South Edisto River, Barnwell-Orangeburg Counties, from J. A. Peterson, Montgomery, Ala., $28,868. Noted Oct. 1.

O., Cincinnati—Director Pub. Serv., 170 ft. concrete and steel bridge, on Mitchell

Bridges (Continued)

Ave., from Foley Constr. Co., 3209 Boudinot St., $114,075. Engrs. est. $136,000. Noted Sept. 17.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, Oct. 23, from Chernus Constr. Co., Minneapolis, Minn., two 40 ft. span concrete girder bridge on Route 23, Sect. 26-B, DeKalb Co. $9,973, one 30 ft. one 35 ft. and one 50 ft. concrete girders, substructure for 170 ft. steel span, and eleven 50 ft. concrete girder approach spans, Route 8, Sects. 42 and 44-B, Knox Co. $97,869, and three 60 ft. span concrete bridge on Route 40, Sect. 8-B, Whiteside Co. $23,737; from R. Mann, Rockford, three 35 ft. span concrete girder bridge, Route 42, Sect. 112-B, Cook and Lake Counties $24,175; from W. H. Shons, 11 South Liberty St., Freeport, substructure for 140 ft. steel span and two 55 ft. concrete girder approach spans, Route 1, Sect. 42-B, Saline Co. $21,548, and five 65 ft. span concrete girder bridge on Route 5, Sect. 15-B, Winnebago Co. $59,250; from St. Louis Structural Steel Co., Bank of Commerce Bldg., St. Louis, Mo., superstructure for 140 ft. steel bridge on Route 1, Sect. 42-C, Saline Co., 147,050 lbs. steel, $10,551; from Parham Constr. Co., East St. Louis, one 80 ft. steel span and eight 40 ft. I-beam approach spans, Route 4, Sect. 23-B, Logan Co., 306,630 lbs. steel, $46,842, one 80 ft. and one 200 ft. substructures for steel span, and one 40 ft. span concrete girder approach bridge on Route 13, Sect. 12-E, Jackson Co., $25,698; from H. O. Newlin, West York, one 16 ft. and one 20 ft. concrete slab bridge, also one 40 ft. and two 50 ft. span concrete girder bridges, Route 9, Sect. 8-B, Tazewell Co., $28,528; from R. McCalman, Inc., Danville, one 18 ft .and one 30 ft. span concrete slab extension, and one 30 ft. span girder bridge, Route 9, Sect. 47-B, Ford and Vermilion Counties $7,076; from Vincennes Bridge Co., Vincennes, Ind., superstructure for 170 ft. steel span bridge, Route 8, Sect. 44-C Knox Co., 222,650 lb. steel, $16,112; from Illinois Steel Bridge Co., Jacksonville, one 80 ft. and one 200 ft. superstructure for steel span bridge, Route 13, Sect. 12-C, Jackson Co., 340,777 lb. steel, $23,665; from Dees Bros., Oblong, six 40 ft. span concrete girder bridges, Route 14, Sect. 11-B, White Co., $22,248; from O. Stewart, Box 826, Urbana, one 30 ft. span concrete girder bridge, Route 39, Sect. 1-B, McLean Co., $4,716. Noted Oct. 15.

Tex., Houston—City and Harris Co., 1 single bascule steel lift span bridge across Houston Ship Channel, near 69th St., from Kansas City Bridge Co., 510 Orear-Leslie Bldg., $322,000. Engrs. est. $350,000. Noted Oct. 1.

CONTRACTS AWARDED

W. Va., Charleston—H. C. Walker, city mgr., concrete substructure for 3 span, 390 ft. bridge across Elk River, to G. T. Fogle, Charleston, $34,734. Noted Sept. 10.

Fla., Punta Gorda — See "Streets and Roads."

Tenn., Knoxville — Louisville & Nashville R.R. Co., 9th St. and Bway., Louisville, W. H. Courtenay, ch. engr., 550 ft. bridge over Tennessee River, here, to Gould Contg. Co., Independent Bldg., Nashville, approximately $212,000.

O., Akron—W. F. Peters, dir. Pub. Serv., temporary steel and timber viaduct over East Exchange St. railroad crossing, to Stevens Constr. Co., 414 The Arcade, $45,000. Engrs. est. $48,600. Noted Oct. 8.

O., Cincinnati—See "Streets and Roads."

Kansas—Bd. Comrs. Lyon Co. (Emporia), two 140 ft. concrete through arch spans on Lyon and Coffee Co. line, near Hartford, incl. 72,380 lb. structural steel, 62,676 lb. steel bars, etc., to C. A. Clark, Route 9, Wichita, $37,296. Noted Sept. 11.

Ark., Osceola—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Tex., Austin—See "Streets and Roads."

Tex., Linden—See "Streets and Roads."

Tex., Palestine—See "Streets and Roads."

Calif., El Portal — State Hy. Comn., Sacramento, rein.-con. girder bridge over Merced River, ½ mi. west of here, Mariposa Co., to O. Parlier, Tulare, $32,795. Engrs. est. $41,075. Noted Oct. 8.

Dams

PROPOSED WORK

Kan., Topeka—Election Nov. 24, $37,500 bonds for Biddle Creek Dam and Control. E. M. Covell, city clk.

Tex., Kerrville—Making preliminary surveys 20 ft. rein.-con. dam, 35 ft. high, foot Earl Garrett St., on Guadalupe River, etc. $30,000 or more. Private plans.

Railways

PROPOSED WORK

New Jersey—Lehigh Valley R.R. Co., 143 Liberty St., New York City, G. T. Hand, ch. engr., and East Jersey R.R. & Terminal Co., 11 Bway., New York City, E. H. Shelley, pres. and genl. mgr., plan 0.3 mi. line in Bayonne

Oklahoma—Oklahoma & Rich Mountain R.R. Co., J. E. Kirkpatrick, council and solicitor, 700 Gates Bldg., Kansas City, Mo., plans 35 mi. line from Page to Talihina, in Le Flore Co. for serving agriculture and timber lands, here.

BIDS DESIRED

Wisconsin—See "Contracts Awarded."

CONTRACTS AWARDED

Wisconsin — Wisconsin Electric Ry. & Light Co., Pub. Serv. Bldg., South Bway., grading for track work for new street car line cut-off from 35th St. to point ½ mi. west of West Allis, to C. F. Wusson, 1065 39th St. and A. B. Lynch, 1502 Cedar St., Milwaukee; structural steel for 9 overhead crossings, to Roberts Bros., 130 North Wells St., Chicago, Ill.; concrete substructures for same, to Roberts Bros., 130 North Wells St.; tracks to be placed by owners. Noted Mar. 19.

Idaho—Northern Pacific R.R. Co., Railway Bldg., St. Paul, Minn., 41 mi. railway extension between Orofino and Headquarters, here, to Twohy Bros., Sharon Bldg., San Francisco, Calif. Est. cost $3,500,000 or more.

Ontario — Hydro-Electric Power Comn., 190 University Ave., Toronto, rearranging and extending street railway in Windsor, to McArthur Constr. Co., Guelph; to Ryan Constr. Co., 109 Ottawa St., Walkerville, and to Caldwell Sand & Gravel Co., 228 Sandwich St. W., Windsor. $750,000. Noted Aug. 13.

Excavation, Drainage, Irrigation, Levees River and Harbor

PROPOSED WORK

Miss., Pascagoula—City and Jackson Co. plan 2 mi. rubble stone and concrete sea wall along shore. $2,000,000. Harkness & Lockyer, Hewes Bldg., Gulfport, engrs. Noted Aug. 27.

BIDS DESIRED

N. Y., New York — Nov. 12, by M. Cosgrove, comr. Docks, Pier "A," ft. Battery Pl., dredging at Pier 84, North River, Contr. 1866.

Fla., Stuart—Dec. 8, by Bd. Comrs. St. Lucie Inlet Dist., dredging and constructing jetties. J. M. Braxton, 319 St. James Bldg., Jacksonville, ch. engr.; adv. E. N.-R. Nov. 5.

Ill., Murphysboro—Nov. 9, by Comrs. Big Lake Special D. D., Jackson Co., 470,000 cu.yd. excav. for reconstruction work. T. G. Dunn, Gorham, engr.

Mo., Tarkio—Nov. 17, by H. T. Speer, clk. Atchison Co. (Rockport), straightening West Little Tarkio Creek and Long Branch Channels, 9 lateral ditches, etc., approximately 366,425 cu.yd. in all. B. B. Hurst, Rockport, engr.

Ark., Osceola — Nov. 19, by Bd. Comrs. Sub. Dist. 3, Grassy Lake and Tyronza D. D. 9, Mississippi Co., drainage and flood protection work, incl. 12,000,000 cu.yd. excav., 80 mi. outlet channels, 23 mi. channel clearing, 90 mi. cleaning out and redigging, 20 mi. new laterals, etc. Morgan Eng. Co., Goodwin Institute, Memphis, Tenn., engrs. Noted Sept. 3.

Ark., Osceola—Nov. 20, by Bd. Comrs. Sub-Dist. 1, Carson Lake D. D. 8, Mississippi Co., drainage and flood protection, incl. 3,000,000 cu.yd. excav., 75 mi. outlet channels, 41 mi. cleaning out and redigging, 27 mi. new laterals, etc. Morgan Eng. Co., Goodwin Institute, Memphis, Tenn., engrs. Noted Nov. 5.

Calif., Tracy—Nov. 17, by Trustees West Side Irrigation Dist., San Joaquin Co., for drainage canal, 52,000 cu.yd. excav. W. D. Harrington, Tracy, engr.

BIDS RECEIVED

N. Y., New York — M. Cosgrove, comr. Docks, Pier "A" foot of Battery Pl., Oct. 27, concrete granite faced sea wall along Hudson River southerly of West 129th St., Contr. 1863, from S. Nugent, 285 West 150th St., $88,853. Noted Oct. 22.

CONTRACTS AWARDED

La., New Orleans — New Orleans Levee Bd., New Courthouse, Bldg., (1st unit) sea wall project from southern shore Lake Pontchartrain from West End to Seabrook, incl. 12,000,000 cu.yd. earthwork, to Reynolds Dredging Co., Maison Blanche Bldg., $1,680,000. Noted Oct. 22.

Wash., Selah—For lining 3,000 ft. canal and 1 mi. wood stave flume in Naches-Selah Irrigation Canal, to Campbell Constr. Co., Sunnyside, approximately $50,000.

Streets and Roads

PROPOSED WORK

Mass., Boston—Dept. Pub. Wks., rejected bids Oct. 21, granite block paving Cornhill St. and Harrison Ave. $25,000. J. A. Rourke, comr. Noted Oct. 15.

Mass., Dorchester (Boston P. O.) — Street Layingout Dept., Boston, plans constructing Hillside St. and Wales Pl. as highway, here. $25,000. J. F. Sullivan, secy.

North Carolina — State Hy. Dept., Raleigh, making plans clearing, grubbing, grading, etc. 8.4 mi. Project 506, Rockingham Co., $50,000; 7 mi. Project 586, Randolph Co., $42,000; 7 mi. Project 531, Guilford Co., $40,000; 5 mi. Project 520, Davidson Co., $30,000; 4.5 mi. Project 346, $30,000 and 9.5 mi. Project 348, $65,000, both Cumberland Co.; 11 mi. Project 398, Robeson Co., $75,000. C. M. Upham, highway engr.

Miss., Grenada—Grenada Co. soon takes bids grading and 8 in. gravel surfacing, etc. 20 mi. Grenada-Calhoun Co. line Rd., 24 ft. $250,000. H. C. Dietzer, Jackson, engr.

La., Gretna—Police Jury, Jefferson Parish, making revised plans and soon takes new bids grading and hardsurfacing 3.66 mi. Metairie Ridge-Shremsbury Rd. Former contract rescinded. F. T. Payne, engr.

Tenn., Knoxville — Plans paving various streets in 26 districts. $300,000. L. Brownlow, city mgr. Noted July 2.

Mich., Detroit—Plans berea or concrete curbing, and 3½ in. sheet asphalt on 8 in. concrete paving approximately 5,825 sq.yd. Westpointe Ave. from Wyoming to Birwood Aves. $20,610; 2,630 sq.yd. Griggs Ave. from Cramer to Westpointe Aves., $11,560; 13,200 sq.yd. Maryland Ave. from Mack to Warren Aves., $58,130; and 3,860 sq.yd. Corbin Ave. from Fort to Empire Sts., $17,010, all foregoing 30 ft.; 1,085 sq. yd. Lanco Ave. from Annapolis to Westpointe Aves. $4,770, and 7,500 sq.yd. Gallagher St. from Davison to Jerome Aves., $32,970, both 28 ft. P. A. Fellows, City Hall, engr.

Kan., Atchison—Atchison Co. soon takes bids grading, etc. 10 mi. Catholic Cemetery Rd., near here. Kansas Eng. Co., 1233 Western St., Topeka, and R. D. Coleman, Atchison, engrs.

Kan., Belleville — Republic Co. plans grading, etc. Federal Aid Project 272-A, 28 ft., and grading, concrete or brick surfacing 1.378 mi. Federal Aid Project 272-C, 18 ft. J. O. Gunnels, Belleville, co. engr.

Kan., Kansas City—Wyandotte Co. plans grading and concrete or rock asphalt on concrete surfacing 6.968 mi. Federal Aid Project 321-A and B, 18 ft. O. K. Williamson, Kansas City, co. engr.

Kan., Olathe—Johnson Co. soon takes bids grading and brick or concrete surfacing 6.577 mi. Federal Aid Project 246-C, 18 ft. E. J. Terrill, Olathe, co. engr. H. T. Caywood, 528 Brotherhood Blk., Kansas City, consult. engr. Noted Sept. 10.

N. D., Fargo—Plans paving ¾ mi. 13th St. N. $25,000. R. T. Jacobson, city engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, made plans grading, curbing, and Warrenite bitulithic, amiesite or asphalt paving, etc., 11th St. between Cass and Brooklyn Sts. $22,700-$22,850; brick, Warrenite or amiesite paving, etc., 11th St. between Brooklyn and North Market Sts., $31,000-$37,600, 11th St. between Hebert and Branch Sts. $13,420-$16,500; Warrenite amiesite or asphalt paving, etc., 11th St. between North Market and Hebert Sts. $27,900-$28,200, Wyoming St. between Gravois and Louisiana Sts. $14,000-$14,100; concrete or Warrenite paving, etc., Art Hill Pl. between Berthold and Oakland Sts. $9,600-$9,900; concrete or asphaltic concrete paving, etc., Nicholson Pl. between Lafayette St. and Patnes south addition $11,800-$12,600, Bischoff Ave. between Macklind and Sublette Sts. $18,850-$22,350, 37th St. between Bates and Eichelberger Sts. $11,600-$12,100, Wander Ave. between Kingshighway southwest and Alma Sts. $12,700-$13,500; and brick, concrete or asphalt paving, etc., Winnebago St. between Giles and Spring Sts. $14,000-$14,100, 38th

Streets and Roads (Continued)

St. between Meramec and Bingham Sts. $8,000-$8,900. W. W. Horner, 300 City Hall, engr.

Ark., Conway—Soon takes bids grading, curbing and probably concrete surfacing, 41,000 sq.yd. various streets in Paving Dist. 12. Parks Eng. Co., Citizens Bank Bldg., Pine Bluff, engrs. Noted Aug. 6.

Ark., Little Rock—Soon takes bids grading, sewers, curbing, guttering and sheet asphalt, Warrenite, brick or 7 in. rein.-con. on concrete surfacing 27,000 sq.yd. Paving Dist. 419. $160,000. G. D. Douglass, Southern Trust Bldg., engr.

Tex., Anderson — Grimes Co. making plans and soon takes bids grading and bridging, etc., 5.09 mi. State Highway 90, State Aid Project 610, 26 ft. $37,000. O. A. Seward, Jr., Navasota, co. engr.

Tex., Austin—Travis Co. making plans grading and bridging, etc., 5.35 mi. State Highway 29, Jollyville Rd. $34,000. J. E. Motheral, Austin, engr.

Tex., Batesville — Zavalla Co. making plans grading and bridging, etc., 13.8 mi. State Highway 55, La Pryor to Uvalde Co. line, 16 ft. $125,000. W. F. Hutson, Kampmann Bldg., San Antonio, engr.

Tex., Corsicana—Election Nov. 7, $75,000 bonds, paving various streets. Address J. S. Murchison, Corsicana, mayor.

Tex., Cuero — De Witt Co. voted $90,000 bonds hardsurfacing 10 mi. Highway 8. S. Kulawik, Cuero, co. judge. Noted Oct. 1.

Tex., Decatur — Wise Co. making plans grading, bridging and crushed stone surfacing 0.38 mi. State Highway 39, across Sandy Creek Bottoms, 18 ft. $37,000. H. R. Smith, Decatur, co. engr.

Tex., Smithville—Bastrop Co., defeated $25,000 bonds improving 5 mi. Giddings-Waelder Rd., Smithville Precinct. Noted Aug. 20.

Tex., Goliad — Goliad Co. election soon $150,000 bonds improving 9 mi. highway in Charco Dist.; $250,000 bonds 11 mi. highway in Goliad Dist.; and $100,000 bonds about 7 mi. highway in Weesatche. Address Company Engineer.

Tex., Gonzales — Gonzales Co. making plans bituminous topping 28 mi. State Highway 3, 16 ft. $130,000. J. G. Irby, Gonzales, resident engr.

Tex., Karnes City — Karnes Co. voted $100,000 bonds, hardsurfacing 7½ mi. Highway in Runge Dist. O. N. Powell, Karnes City, co. engr.

Tex., Laredo — Webb Co. making plans bituminous macadam surfacing 31 mi. Highway 12-A from Laredo to Oilton, 18 ft. $275,000. T. E. Huffman, Laredo, engr.

Oklahoma — State Hy. Dept., Oklahoma City, making preliminary plans grading, etc. 7 mi. Postal Highway 5, 30 ft., Beckham Co. $45,000. J. M. Page, highway engr.

Okla., Hobart — Rejected bids Oct. 13, grading, curbing and fibre brick on concrete surfacing 59,700 sq.yd. 15th St., etc. Dist. 3. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Oct. 1.

Wash., Bellingham—Making plans concrete paving 7,500 sq.yd. North St. W. B. Short, city engr.

Wash., Bellingham—Whatcom Co. making plans constructing trestle on Guide Meridian Rd. to exceed 4,000 ft. serving as bridge approach, also 1,200 ft. grading. $62,500. F. W. McElmon, co. engr.

Wash., Seattle—King Co. making plans and takes bids in November grading 97,000 cu.yd. Kent-Des Moines Highway. $50,000.

Calif., Monterey Park (br. Los Angeles) —Made plans improving portions Hellman Ave., 105,000 sq.ft. concrete paving, 5,012 ft. curbing, 12,170 sq.ft. sidewalks, etc. O. A. Stone, city engr.

Calif., Oakland—Making plans extending and improving Madison St. between Lake St. and Lakeside Dr., $50,000; and 19th St. between Jackson St. and Lakeside Dr., $35,000. W. W. Harmon, city engr.

Calif., San Diego—Common Council plans improving Cedar St., etc., 134,627 sq.ft. 1½ in. asphaltic concrete on 2½ in. bituminous paving, 194 lin.ft. concrete curbing, and 686 sq.ft. concrete sidewalk. F. A. Rhodes, city engr.

Ont., Toronto—York Twp. plans concrete curbing, brick block guttering and paving 3,700 ft. Eglington Ave. from Dufferin to Gilbert Sts., $87,115; concrete sidewalks on 3,400 ft. Blackthorn Ave. $7,295, and 1,650 ft. Eglington and Guestholme Aves. $3,418; also grading Richardson Ave., $2,950. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto — Plans grading, widening, and brick paving Park Rd., $7,774; bituminous concrete paving Hudson Ave. $13,827, and Harper Ave. $14,259; concrete paving lane west of Campbell Ave. $4,756, and lane west of Bay St., $3,564; bitulithic paving Rosedale Heights Dr. $18,254, Maughan Crescent, $19,182, and Victoria Park Ave., $77,393; asphalt paving Evelyn Ave. $8,951, Lambert Ave. $6,287, Steiner Ave. $6,584, Allen Ave. $6,228, Argyle Ave. $5,996, Millstone Lane $3,309, Tracy St. $6,279, Turnberry Ave. $15,616, Welland Ave. $15,738, Keele St. $4,613, Edgewood Grove $7,229, Sword St. $6,314, River St. $5,634, Sparkhall Ave. $9,538, Weston Rd. S. $34,788, Markham St., $28,659, and Brunswick Ave. $34,100. R. C. Harris, City Hall, engr.

BIDS DESIRED

N. Y., Brooklyn—Nov. 12, by Park Bd., F. D. Gallatin pres., Arsenal Bldg., Central Park, New York City, grading section Shore Rd. Improvement between 69th and 79th Sts., here.

N. Y., New York—Nov. 12, by J. Miller, pres. Manhattan Boro, Municipal Bldg. grading and asphalt block on concrete repaving 103rd St. from Lexington to Madison Aves.

N. Y., St. George — Nov. 12, by J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous asphalt repaving Bay and Jersey Sts.; and granite block repaving Van Duzer St.

Georgia — Nov. 12, by State Hy. Dept., East Point, **(F. A. P. means Federal Aid Project)**, grading, etc. 12.85 mi. Brunswick-Jacksonville Rd., F. A. P. 432-B, Camden Co., 134.959 acres clearing and grubbing, 204,380 cu.yd. excav., 40,000 sq.yd. grassing slopes, 30,142 lb. reinforcing, etc., H. J. Friedman, Savannah, engr., 15.7 mi. Clarksville-Franklin Rd., F. A. P. 425, Rabun Co., Contr. 1, 26.068 acres clearing and grubbing, 95,946 cu.yd. excav., 44,945 sta.yd. overhaul, etc., Contr. 2, 9.83 acres clearing and grubbing, 52,208 cu.yd. excav., 18,804 sta.yd. overhaul, etc., Contr. 3, 4,339 acres clearing and grubbing, 69,594 cu.yd. excav., 61,951 sta.yd. overhaul, etc., E. N. Parker, Gainesville, engr.; double surface treating 100,386 sq.yd. Albany-Sylvester Rd., F.A.P. 249, Dougherty Co., E. J. Smith, Thomasville, engr.; sheet asphalt surfacing 105,338 sq.yd. Brunswick-Broadfield Rd., F.A.P. 261, Glynn Co., W. R. Neil, highway engr.

Ga., Valdosta — Nov. 9, by City Clerk, curbing, guttering, grading, brick, concrete or asphalt surfacing 150,000 sq.yd. various streets. W. H. Gainey, Valdosta, city engr.

Ga., Waycross—Nov. 17, by W. E. Lee, city clk., vitr. brick, concrete, vibrolithic concrete, asphalt, Willite, Warrenite, asphaltic concrete, asphalt or asphalt block paving 98,000 sq.yd. also granite or concrete curbing 36,000 ft. various streets, A. Cook, city mgr. and engr Noted Oct. 15.

Fla., Holly Hill—Nov. 17, by Bd. Bond Trustees, brick, concrete or bituminous paving approximately 60,000 sq.yds. various streets. N. A. Hotard, New Smyrna, engr. Noted Sept. 3.

Fla., Inverness — Nov. 10, by Comrs. Citrus Co., grading and paving approximately 74,000 sq.yds. various streets. E. V. Camp and associates, 1 North Maryland St., Atlanta, Ga. engrs.

Miss., Biloxi—Nov. 15, by Riviera Development Co., Biloxi, and J. W. Billingsley, engr., Interstate Bank Bldg., New Orleans, La., grading, curbing, guttering, waterworks, street lighting system, and paving various streets and sidewalks in Bay Terrace Subdivision. $150,000. Noted Oct. 29.

Miss., Yazoo City — Nov. 9, by E. G. Olden, city clk., City Hall, scarifying, shaping, curbing and Kentucky Rock asphalt and gravel surfacing 12,100 sq.yd. North, Canal, 3rd, Grand and Calhoun Sts. Noted Oct. 15.

Ill., Bellewood—Nov. 10, by Village Board Room, grading, curbing and paving Bellwood Ave. from Madison St., to Miami Rd. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Minn., Duluth—Dec. 4, by F. W. Borgen, aud. St. Louis Co., Court House, improving Miller Trunk Rd. connection with Duluth between Trinity Rd. and 9th St., 2.25 mi. new crushed rock road, 27 ft., and one course concrete paving 0.75 mi. road, 36 ft. $340,000. R. W. Acton, St. Louis Co. Engineers Office, engr.

Kan., Salina—Nov. 16, by Clerk Saline Co., grading, etc., 5.023 mi. Sect. A, and 2.416 mi. Sect. B, Federal Aid Project 296, 30 ft. W. H. Cost, Salina, co. engr. Noted Oct. 29.

Calif., Inglewood—City Council taking bids grading, curbing, sidewalks, and 6 in. concrete paving 125,175 sq.ft. Arbor Vitae St. W. Pfeffer, city engr. Noted Oct. 8.

Calif., San Diego — Nov. 16, by A. H. Wright, city clk., curbing, sidewalks, and 1½ in. asphaltic concrete on 4 in. concrete paving 108,259 sq.ft. Mississippi St.; also grading, curbing, sidewalks and 61,981 sq.ft. 5 in. and 17,600 sq.ft. 4 in. concrete paving Eagle, Torrence Sts., etc. F. A. Rhodes, city engr Noted Oct 8.

BIDS RECEIVED

N. Y., Brooklyn — J. A. Guider, boro pres., Boro Hall, Oct. 28, from G. M. Mandatto, 129 26th St., grading, curbing and flagging Bay 50th St. $9,857, 21st St. $2,450, 67th St. $2,750, 74th St. $2,953, from Grimm Contg. Co., 170 McKinley St., Empire Blvd. $679, 72nd St. $4,033; from Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., asphalt paving Brooklyn Ave. $12,652, Cortelyou Rd. $5,046, from Sicilian Asphalt Co., 41 Park Row, New York City, North 15th St. $2,326, from Cranford Co., 52 9th St., 21st Ave. $8,278, 67th St. $6,903, and 74th St. $6,475, from M. J. O'Hara, 1228 Park Ave., New York City, 77th St. $2,552; from F. C. Kohart, grading Essex St., $8,024; and from Uvalde Asphalt Co., 1 Bway., New York City, curbing, flagging and paving 16th Ave., $3,757. Noted Oct. 22.

N. Y., Long Island City — M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Oct. 27, from Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, grading, curbing, sidewalks and sheet asphalt surfacing Barclay St. $21,527, and laying sidewalks and paving Mymand Pl. $22,358; from Highway Impvt. & Repair Co., 50 Church St., New York City, grading, curbing, sidewalks and sheet asphalt surfacing Fosdick St. $16,273, sheet asphalt paving Harold Ave. $15,116, Haaspel St. $31,280, 104th St. $26,833, and 114th St. $15,645, from H. E. Kordes Co., 2577 Cooper St., Brooklyn, grading Harkow St. $724, and sidewalks, etc., on Hughes St. $2,113; from Sicilian Asphalt Paving Co., 41 Park Row, New York City, grading, curbing, sidewalks and sheet asphalt paving Slocom St. $5,943, from Uvalde Asphalt Paving Co., 1 Bway., New York City, 130th St. $15,460, from Kennedy & Smith, 93 Amity St., Flushing, Haspel Ave. $11,926; from O'Brien & Kurth, 8625 13th St., Jamaica, grading, curbing, sidewalks, etc., on 114th St. $9,837, and 104th St. $16,452; from W. H. Gahagan Realty Co., 147 Remsen St., Brooklyn, constructing public beach along ocean front $110,404. Noted Oct. 22.

Maryland — State Roads Comn., Baltimore, Oct. 20, concrete paving 3.5 mi. road from Cresaptown towards McCool, Contr. A-40, Allegany Co., from Tri-State Eng. Co., Liberty Trust Bldg., Cumberland, $98,417. Noted Oct. 15.

South Carolina—State Hy. Dept., Columbia, grading, topsoiling, etc. 4.6 mi. State Route 5, Ft. Lawn Rock Rd., Chester Co., from Nichols Contg. Co., 1 LaFrance St., Atlanta, Ga. $20,607, 7.3 mi. State Route 71, Abbeville-Lowndesville Rd., Abbeville Co., from J. C. Moffatt, McCormick, $33,552; sand clay surfacing, etc. 11.1 mi. Old State Rd., Calhoun Co., from J. L. Carroll, 1011 Barnwell St., Columbia, $33,168, also 7.2 mi. same road from T. E. Hook, New Brookland $24,890, 11.7 mi. Manning-Elloree Rd., Clarendon Co., from W. B. Boyle, Sumter, $47,098; approaches to 6 bridges over South Edisto River, Orangeburg and Barnwell Counties, from C. R. Willard & Son, Spartanburg, $24,573. Noted Oct. 15.

Illinois — Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, Oct. 23, from A. J. Parrish, Paris, concrete surfacing 1.82 mi. Route 1, Sect. 49, Edgar Co., $13,501 with ½% for personal bond, from A. Ward & Sons, Oak Glen, paving subway on Route 1, Sect. 161-S, Cook Co. $5,458, from S. and H. Constr. Co., 92 Mason St., Milwaukee, Wis., 10.73 mi. Route 2, Sect. 77, Winnebago Co. $156,747, from Ransom & Sherwood, Palestine, 6.53 mi. Route 14, Sect. 10, White and Hamilton Counties $123,575, from F. F. Lee Paving Co., Dubuque, Ia., 7.11 mi. Route 5, Sect. 30-X $54,593, and 3.07 mi. Route 5, Sect. 31-X, $80,734, both JoDavies Co., from W. C. Johnson, Belleville, 1.78 mi. Route 16, Sect. 25, Macoupin Co. $35,769, from G. C. Fairclo, Champaign, 0.1 mi. Route 23, Sect. 26-D, DeKalb Co. $3,114, from Hartman Clark Bros. Co., Dwight, 0.23 mi. Route 23, Sect. 26-E, DeKalb Co. $4,476, and 2.73 mi. Route 30, Sect. 10, Stark Co. $47,751, from C. E. Carson Co., 601 St. Clair St., Chicago, 4.09 mi. Route 27, Sect. 16, Carroll Co. $94,531, 1% for personal bond, from L. H. Harshmann, Sullivan, Route 32, Sect. 2-X, Moultrie Co. $1,294, from Mautz & Oren, Effingham, 5.18 mi. Route 33, Sect. 4, Crawford and Jasper Counties $82,315, from G. Welch, Beloit, Wis., 0.57 mi. Route 42, Sect. 112-X, Cook and Lake Counties $36,303, and 0.05 mi. Route 42, Sect. 113-X, Lake Co., $1,202; from H. H. Hall, Murphy Bldg., East St. Louis, grading 27,917 cu.yd. Route 2, Sect. 3-V-1, Jackson Co. $7,848, 1% for personal bond, from I. D. Lain, Bloomington, 89,167 cu.yd.

Streets and Roads (Continued)

Route 9, Sect. 8-A, Tazewell Co. $50,384, from Stevens Bros., St. Paul, Minn., 32,430 cu.yd. Route 40, Sect. 8-A, Whiteside Co. $14,372, from Dees Bros., Ablong, 137,088 cu.yd. Route 14. Sects. 11-A and 12-A, White Co. $58,246. Noted Oct. 15.

Wis., Milwaukee—Dept. Pub. Wks., Oct. 23, asphalt resurfacing Erie St. between railroad tracks and incinerator plant, from Badger Constr. Co., 97 Wisconsin St., $4,760; and National Ave. between 11th and 18th Aves., from White Constr. Co., 86 Wisconsin St., $28,280.

Colorado—State Hy. Dept., Denver, Oct. 22, grading, etc. 20.62 mi. extension west from Ft. Morgan, Federal Aid 287-A, Morgan and Weld Counties, from H. C. Lallier Constr. Co., Hudson, $101,818. Noted Oct. 15.

California — State Hy. Comn., Sacramento, Oct. 19, grading and crushed gravel or stone surfacing 1.9 mi. road between Arrowhead Blvd. and Blythe, Riverside Co., from Pioneer Transfer Co., Calexico, $26,525. Noted Oct. 8.

Calif., Los Angeles — City (**e. e. means engrs. est.**) grading, guttering, sidewalk and 2 in. sheet asphalt on 7 in. concrete paving 307 sq.yd. Linden St., from Los Angeles Paving Co., 2900 Santa Fe Ave., $4,780 e. e. $5,563; grading, curbing and 8 in. concrete paving 242,000 sq.ft. Exposition Blvd., from Spencer & Holt, 419 Court St., $88,411 e. e. $88,411; grading, curbing, sidewalk and 6 in. concrete paving 65,131 sq.ft. Fairfax Ave., from G. H. Oswald, 366 East 58th St., $18,241 e. e. $19,242; and grading, curbing, and 5 in. concrete paving 17,776 sq.yd. Rutherford Dr., from E. M. LeBaron, $7,993 e. e. $10,451.

Calif., Redwood City — From Hanrahan Co., Standard Oil Bldg., San Francisco, improving Myrtle, King Sts., etc., 7,053 cu.yd. excav. at $1.15 per cu.yd. 1,643 cu.yd. fill $0.25, 169,688 sq.ft. 3 in. subbase $0.057, 164,549 sq.ft. 5 in. vibrolithic concrete paving $0.21, and 10,278 lin.ft. concrete curbing at $0.55, total $58,402. Noted Oct. 29.

Calif., Richmond—From F. J. McHugh, 474 17th Ave., San Francisco, improving Vicente St. between 14th and 19th Aves., 19,592 cu.yd. cut at $0.34 per cu.yd., 8,225 cu.yd. fill $0.01, 85,392 sq.ft. asphaltic concrete paving at $0.255, etc., total $39,825.

Calif., San Diego — From K. S. Heath, National City, improving Fay Ave., etc., 39,178 sq.ft. 4 in. concrete paving at $0.15 per sq.ft., 174,259 sq.ft. 5 in. concrete paving $0.16, 8,488 sq.ft. concrete sidewalk $0.17, etc., total $37,673; from G. R. Daley, 4430 Boundary St., improving Kansas St., etc., 157,406 sq.ft. 1½ in. asphalt on 5 in. concrete paving at $0.229 per sq.ft., 2,361 sq.ft. 4 in. concrete paving $0.18, etc., total $37,470. Noted Oct. 8.

Calif., Stockton—San Joaquin Co., from Irey & Holden, Lodi, improving Eight Mile and Wilhoit Rds., etc., 11,700 cu.yd. grading at $0.30 per cu.yd., 6,140 tons 2½ in. base course gravel $2, 4,470 tons 1½ in. top course gravel, $2, etc.

CONTRACTS AWARDED

N. Y., Brooklyn — J. Guider, pres. Brooklyn Boro, Boro Hall, curbing and flagging where necessary Alabama Ave. and East 29th St., to Grimm Contg. Co., McKinley St., $830 and $2,435 respectively; asphalt repaving Halsey and Union Sts., to Borough Asphalt Paving Co., 1301 Metropolitan Ave., $33,992 and $35,310 respectively; reconstructing curb corners at Atlantic and Bedford Aves., to J. Meehan & Sons, 90 West St., New York City, $2,009; asphalt paving East 29th St., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $9,417 and asphalt repaving South Oxford St., to Cranford Co., 52 9th St., $22,982. Noted Oct. 29.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading Amory Court to H. E. Kordes Co., 2577 Cooper St., Brooklyn, $4,495; grading, curbing and sidewalks on Fern Pl., to O'Brien & Kurth, 8625 13th St., Jamaica, $8,967; sheet asphalt paving 97th St., to Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, $10,204; grading, sidewalks and gutter spaces in the Plaza, to J. D'Amato, Rockaway Beach, $2,681; and curbing and sidewalks on Rockaway Beach Blvd., to Crawford & Rodgers, 211 Beach St., Brooklyn, $17,866. Noted Oct. 29.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Edgewater St., to J. P. Donovan, 30 Church St., New York City, $14,108; grading and bituminous macadam concrete paving Hoyt Ave., to J. Johnson Sons, 455 Bway., West New Brighton, $7,645. Noted Oct. 15.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous macadam paving within franchise area of Staten Island Midland R.R., roadway of Lincoln Ave., and bituminous concrete paving Yetman Ave., to J. E. Donovan, 614 Union St., Brooklyn, $3,828 and $22,433 respectively. Noted Oct. 15.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, granite block repaving Richmond Terrace, to Vandbro Constr. Co., 24 Elizabeth St., West New Brighton, $37,503. Noted Oct. 15.

N. Y., St. George—Park Bd., Park Dept. Arsenal Bldg., 64th St. and 5th Ave., New York City, grading, etc. Park Plaza around bandstand at Westerleigh Park, to Flemming & Sheppard, 116 Broad St., New York City, $3,840; also bituminous macadam paving drive through Silver Lake Park, to J. Johnson Sons, 1455 Bway., West New Brighton, $12,303. Noted Oct. 29.

Pa., Coraopolis — Allegheny Co. (Pittsburgh), reconstructing Norrows Run Rd. between here and Sewickley Bridge, to McLaughlin Contg. Co., Germania Bldg., Pittsburgh, $89,433. Engrs. est. $100,000.

Pa., Leetsdale — Allegheny Co. (Pittsburgh), reconstructing Beaver Rd., Contr. 2 through here, to Penn Pitt Constr. Co., Winebiddle St. and railroad tracks, Pittsburgh, $39,162. Engrs. est. $40,000.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to T. Conner, 3621 North 5th St., grading Large St. $5,166, to Deineer Bros., 5th St. and Fisher Ave. $4,483; to Barber Asphalt Co., 239 North 30th St., asphalt paving 47th St. $7,317, to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., Roanoke St. $5,392, 18th St. $5,104; to United Paving Co., Real Estate Trust Bldg., vitr. block paving Ruan St. $4,486; to A. J. Henderson, 825 Washington Lane, country road improving 13th St. $2,692; to Municipal Paving Co., 702 Catherine St granite block repaving 7th St. $7,828, 9th St. $6,494, 11th St. $17,805, to Mazzola & Marino, 739 South 7th St., Arch St. $34,838, 8th St. $47,741; to J. Salvucci, 512 North 65th St., 10th St. $6,907, to G. C. Centrone, 1015 Chestnut St., 67th St. $8,368; to Van Sciver Corp., Parkway at 24th St., furnishing and delivering crushed pebbles $3,700; and to L. Bokser, 1518 North 8th St., paving and repaving alleys in 5th Highway Dist. J-2, $3,995. Grand total $234,396. Noted Oct. 29.

West Virginia—State Hy. Comn., Charleston, grading and gravel surfacing 5.5 mi. Kanawha City-Marmet Rd., 18 ft., Kanawha Co., to A. Keathley, Prof. Bldg., Charleston, $74,455. Noted Aug. 6.

W. Va., Beckley — Raleigh Co. Court, grading 2 mi. Tams-Stotesbury Rd., 16 ft., and bituminous macadam surfacing 0.5 mi. same road, to E. C. Cavin Co., Charleston, $55,000. Noted Aug. 6.

W. Va., Summerville—Nicholas Co., grading, etc. Wilderness Dist. Rd., to J. H. Hood, Huntington, $61,778. Noted July 9.

W. Va., Wayne—Wayne Co., grading, etc., 3 mi. McComas-Twelve Pole Rd., 22 ft., to T. E. McComas, Huntington, $30,958. Noted Oct. 1.

N. C., Wilson—Wilson Co., 2 in. Topeka on 5 in. concrete paving Moyeton Rd., to Noll Constr. Co., Charlote, $219,676.

Fla., Punta Gorda—Charlotte Co., paving 93 mi. various roads, and building bridge across Miakka River, at El-Jobean, to Broadbent Constr. Co., Punto Gorda, $1,711,167.

Miss., Louisville—Winston Co., grading, gravel surfacing, etc., 14 mi. Federal Aid Project 74-B, to S. B. Boyd, Columbia, Miss., $89,110.

O., Cincinnati — Hamilton Co., grading, bridging, curbing and concrete paving 46,250 sq.yds. Dugan Gap Rd., to J. Gradison, North Bend Rd., $272,096. Engrs. est. $295,706. Noted Oct. 22.

O., Lisbon—Asphalt paving 1 mi. Lincoln Way, 50 ft., to Ohio Willite Paving & Surfacing Co., East Liverpool, $27,021. Engrs. est. $30,000.

O., Youngstown — Mahoning Co., brick paving Midlothian Blvd. from South Ave. to Youngstown-Pittsburg Rd., to V. Olson Co., 508 Mahoning Bank Bldg., $59,152. Engrs. est. $60,000.

Michigan — State Hy. Dept., at office Comrs. Ionia Co., Ionia, concrete paving 12.003 mi. Federal Aid Road 113 B, 20 ft., to G. P. Scharl, Grand Rapids, $290,032.

Wis., Milwaukee—Dept. Pub. Wks., vibrolithic concrete paving Superior St., to Kroening Constr. Co., 39th Ave. and Mitchell St. $24,947, 6th St. and Green Bay Ave. (connection), and concrete paving 1 alley to A. E. Retzlaff, 868 Island Ave., $2,173 and $2,347 respectively; asphalt resurfacing Greenfield Ave., to Badger Constr. Co., 97 Wisconsin St., $9,116; and concrete paving 2 alleys, to R. H. Gumz, 831 13th Ave., $6,850. Grand total $45,433.

Ia., Hamburg—To M. L. Flinn Paving Co., Davidson Bldg., Sioux City, improving various streets, 12,800 sq.yd. rein.-con. surfacing at $2.05 per sq.yd., 9,500 ft. curb and gutter $0.35, and grading at $0.35 per cu.yd. Noted Oct. 22.

Minnesota—State Hy. Dept., St. Paul, (**S. P. means State Project and F. A. P. means Federal Aid Project**), gravel surfacing 25,100 cu.yd. S. P. 6-42, F. A. P. 343, Sect. A, to Morris Constr. Co., Morris, $48,322; 19,200 cu.yd. S. P. 11-16, Dist. 3, to A. Brovold, Baudette, $27,363; 25,150 cu.yd. S. P. 13-27, F. A. P. 346, Sect. C, to Klemmer Constr. Co., Owatonna, $23,304; 19,500 cu.yd. S. P. 6-43, F. A. P. 343, Sect. C, and 21,200 cu.yd. S. P. 64-22, F. A. P. 353, Sect. B, to Superway, Inc., Fergus Falls, $23,546 and $21,158 respectively. Grand total $143,693. Noted Oct. 29.

Kan., Parsons — Grading, curbing and asphalt surfacing 85,000 sq.yd. various streets, also 7 in. concrete surfacing Morgan St. from 23rd to 32nd Sts., 21st St. from Crawford to Stevens Sts., 13th St. from Main to Crawford Sts., and Grand St. from 13th to Heacocks addition, to M. R. Amerman, 246 North Market St., Wichita.

Kan., Ottawa—Grading, curbing and concrete paving 14 blocks East 4th, East 6th, South Oak and Maple Sts., etc., to Cook & Stucker, Ottawa. Noted Aug. 27.

Neb., Alma — Curbing, guttering and rein.-con. paving, etc., 9,410 ft. various streets, to Yant Constr. Co., 905 Omaha Natl. Bank Bldg., Omaha, $48,000. Noted Aug. 27.

Neb., Elmwood—Grading, curbing, guttering and gravel surfacing 23,600 sq.yd. Dist. 1, to Moran Constr. Co., 2431 Ellison Ave., Omaha, $26,131.

Neb., Lincoln — Grading and asphaltic concrete paving, etc., Paving Dists. 55 and 56, to Abel Constr. Co., 318 Terminal Bldg., $3,589 and $52,085 respectively.

Neb., McCook—For 5,000 yd. brick and 40,000 yd. bitulithic concrete paving Dist. 8, to Allied Constr. Co., Inc., 1803 Douglas St., Omaha, $130,000.

Neb., Omaha — B. Crawford, judge Douglas Co., improving 1.25 mi. Rd. 51, approximately 12,000 cu.yd. ½ mi. haul, to T. Hoctor, Omaha, at $0.537 per cu.yd. Noted Aug. 20.

N. D., Fargo — Cass Co., grading and gravel surfacing 20 mi. Meridian Highway North between Fargo and Argusville, to W. H. Noel, Jamestown, $94,366.

Tex., Austin—State Hy. Comn., grading, bridging, etc., 1.49 mi. State Highway 20, Federal Aid Project 478-B, 26 ft., Travis Co., to Armstrong & Armstrong, Box 573, Roswell, N. M., $43,902. Engrs. est. $74,600.

Tex., Linden — Cass Co., grading and bridging, etc., 5.64 mi. State Highway 8, Federal Aid Project 457-A, 26 ft., incl. 109,309 lb. reinforcing, to B. F. Brooks Constr. Co., Slaughter Bldg., Dallas, $55,370. Engrs. est. $57,000. Noted Sept. 24.

Tex., Palestine—Anderson Co., grading and bridging 16.55 mi. Elkhart-Denson Springs Rd., 26 ft., to J. S. Paxton, Elkhart, $47,566, engrs. est. $50,000; 12.16 mi. Tennessee Colony-Bethel Rd., 26 ft., to J. S. Moore & Sons, Lufkin, $40,404, engrs. est. $45,000. Noted Oct. 29.

Okla., Chandler — Repaving various streets in business district, to H. L. Cannady Co., 1122 South Lewis St., Tulsa, $104,210. Noted Sept. 3.

Okla., Ponca City — Vertical fibre brick surfacing 26,335 sq.yd. Model City Addition, to R. H. Baldwin, 109 East Grand St., $89,052. Engrs. est. $97,440.

N. M., Portales — For 6 in. concrete paving 17,400 yd. various streets, to R. Irick, Plainview, Tex., $67,466.

N. M., Tecumcari — For 37,210 yd. 2 in. Warrenite bitulithic on 4 in. concrete paving various streets, to M. R. Amerman, 310 West English St., Wichita, Kan., $152,050.

Idaho — Commissioner Pub. Wks., Court House, Orofino, to Ryberg, McHugh & Cowley, Boise, improving 3.48 mi. Orofino-Ahsahka Rd., Federal Aid Project 92-A, Clearwater Co., 5,381 cu.yd. earth excav. at $0.40 per cu.yd., 27,237 cu.yd. solid rock excav., $1.10, 20,048 cu.yd. loose rock excav. $0.40, 17,550 sta.yd. overhaul $0.04, 6,812 cu.yd. broken stone surfacing, etc. $1.50, etc., total $66,439. Noted Oct. 8.

Ore., Scappoose—To Parker-Schram Co., Couch Bldg., Portland, improving Columbia River Highway, 5,400 cu.yd. excav. at $0.50 per cu.yd. 500 cu.yd. borrow $0.55, 4,481 ft. concrete curbing $0.50, 75,775 sq.ft. concrete sidewalks $0.16, 12,300 sq.yd. crushed rock macadam surfacing $0.65, etc., total $33,994. Engrs. est. $38,347.

California—State Hy. Comn., Sacramento, (**e. e. means engineers estimate**) grading and graveling 1.4 mi. road between Summerland and Montecito, Santa Barbara Co. to McCray Co., Amer. Bank Bldg., Los Angeles, $55,907, e. e. $74,797; 0.9 mi. road between Pismo and point 1 mi. south, San Luis Obispo Co., to Collins & Seppi, 107 Maple St., Stockton, $56,305, e. e. $70,305; 0.1 mi. road at middle causeway, near

Streets and Roads (Continued)

Punta, Ventura Co., to E. W. Dahl, Santa Ana, $13,056, e. e. $12,157. Grand total $125,268. Noted Oct. 1.

Calif., Claremont—Grading, curbing, guttering, and Durite asphaltic concrete paving 605,000 sq.ft. various streets, to Griffith Co., Railway Bldg., Los Angeles, approximately $137,156.

Calif., Compton—To V. Kovacevich, 1553 Loma Ave., improving Bowen Ave., Long Beach Blvd., etc., 53,100 sq.ft. 5 in. concrete paving at $0.145 per sq.ft., 6,200 lin. ft. concrete curbing $0.40, 24,900 sq.ft. sidewalks $0.13, and 53,100 sq.ft. grading at $0.01, etc. Noted Oct. 29.

Calif., Redondo Beach—Grading, curbing, guttering, sidewalks and 6 in. asphaltic concrete paving 93,552 sq.ft. Lucia Ave., to G. R. Curtis Paving Co., 2440 East 26th St., Los Angeles, $39,925. Noted Oct 29.

Calif., Santa Monica — Grading, curbing, guttering, sidewalks, and asphaltic concrete on concrete paving 18th St. between Central Ave. and Downey St., to Griffith Co., Railway Bldg., Los Angeles, $42,555.

Ont., Toronto—To Law Constr. Co., 50 Yonge St., bituminous macadam paving High Park, $14,507; to Kilmer & Barber, 10 Adelaide St., asphalt paving Front St., $10,326; to Dept. Pub. Wks., by day labor, concrete paving lane 1st north of Bloor St. $3,106, lane 1st north of Rosemount St. $1,121, and lane 1st north of Simpson St. $1,303. Grand total $30,363. Noted Aug. 20.

Ont., Windsor—Concrete paving Hall St., Ellesmere and Pierre Alleys, to Caloutti Bros., Windsor, $14,048; alley between McKay and Curry Sts., to Premier Constr. Co., Walkerville, $7,863; alley between Bridge and Josephine Sts., to Check Contg. Co., Windsor, $7,117; and alley between Bruce and Janet Sts., to Cadwell Sand & Gravel Co., Windsor, $4,210. Grand total $33,238.

B. C., Point Grey—Warrenite bitulithic paving various streets to Cotton Co. Ltd., False Creek Yards, Vancouver, $29,054.

Buildings—Industrial

PROPOSED WORK

Mass., Quincy (Boston P. O.)—PLANT—White Bros., 85 Brooks St., Norfolk Downs, Somerville, having revised plans prepared by W. E. Luke, 365 Powder House Blvd., brick and steel plant. $40,000. Former bids rejected. Noted June 25.

N. Y., New York—REPAIR and SERVICE GARAGE—M. Klein, archt. and engr., 39 Graham Ave., Brooklyn, preparing plans 4 story, 75 x 100 ft., brick, steel and stone, plain foundation, 224 Mulberry St., here, $250,000. Owner's name withheld.

Ill., Chicago—PLANT—Eagle Tank Co., 2426 North Crawford St., W. O. Olsen, pres., purchased 6.5 acre site and plans new plant, about 70,000 sq.ft. floor space. $150,000.

Ill., De Kalb — CANNERIES — Rochelle Canneries, S. W. Hoon, assistant mgr., takes bids about Nov. 26, one story, 65 x 402 ft., 65 x 252 ft. and 40 x 211 ft., also 50 x 65 ft. boiler house, all brick and steel, Lincoln Highway. $250,000.

Wis., De Pere — FACTORY — Hudson Mfg. Co., Main St., E. Abendroth, mgr., soon takes bids 2 story and basement, 62 x 120 ft., rein.-con. and brick, plain foundation. $75,000. Private plans. Noted Oct. 8.

Mo., St. Louis — POWER PLANT — Bd. Pub. Serv., 208 City Hall, soon takes bids 3 story, rein.-con., brick and stone power service station, fire dept. repair shops, etc., Clark Ave. $1,000,000. Study & Farrar, Arcade Bldg., archts. Noted July 23.

BIDS DESIRED

Mass., West Springfield (br. Springfield)—PLANT—New England Smelting Co., 220 Union St., taking bids 1 story, rein.-con. and brick plant. $40,000. J. W. Donahue, 105 Bridge St., Springfield, archt.

N. Y., Brooklyn — ICE PLANT — See "Contracts Awarded."

Pa., Blairsville—FOUNDRY—See "Contracts Awarded."

Pa., Reading — BAKERY — Friedofer Baking Co., 20th and Indiana Sts., Phila., taking bids 1 story and basement, 50 x 143 ft., brick, plain foundation. Walnut St. $100,000. G. D. Sue, 760 North 13th St., archt.

Mich., Grand Rapids—POWER PLANTS—W. G. Yates, taking bids two 4,500 kw. capacity water power plants, on Thornapple River. Burd, Giffels & Hamilton, Kelsey Office Bldg., engrs.

Mich., Menominee—FOUNDRY—Prescott Co., F. M. Prescott, pres., taking bids 1 story, 92 x 140 ft. addition to steel foundry, brick and steel, plain foundation, here. Private plans.

Mo., North Kansas City — MACHINE SHOP—See "Contracts Awarded."

CONTRACTS AWARDED

Mass., Gardner—REPAIR and SERVICE—S. Bajonski, c/o A. J. Smith, archt., 142 Lunenberg St., Fitchburg, 2 story 85 x 100 ft., brick and stone, Corner St. and City Hall Ave., to A. Jandris, High St. Archts. est. $85,000. Noted Oct. 22.

Mass., Lawrence — PLANT — Morehouse Baking Co., 5 Mill St., 1 story, 80 x 125 ft., brick addition, Methuen St., to E. A. Peabody & Sons, Bay State Bldg. Archts. est. $40,000.

Mass., Leominster—BOILER HOUSE and COAL POCKET — Richardson Piano Case Co., 1 story, brick and timber boiler house and coal pocket, to G. A. Fletcher & Co., 215 Blossom St., Fitchburg, $40,000.

Mass., Milford—PLANT—Milford Electric Light & Power Co., 241 Main St., 2 story, 45 x 68 ft., rein.-con. and brick addition, to Dillon Bros., 211 Main St. Archts. est. $40,000.

Mass., Plymouth—FACTORY—Plasterite Co., 170 Summer St., Boston, 6 story, 50 x 100 ft., rein.-con., plain foundation, off Lothrop St., to J. Malagutti & Sons, Plymouth. Archts. est. $100,000.

Mass., Westfield—MACHINE SHOP—H. B. Smith Co., 640 Main St., 1 story, brick and steel, to Adams & Ruxton Constr. Co., 387 Main St., Springfield. Archts. est. $40,000. Noted Oct. 29.

N. Y., Brooklyn—ICE PLANT—Rubel Coal & Ice Corp., 197 Glenmore Ave., will build 1 story, 75 x 125 ft. ice manufacturing plant, 2054 Gravesend Ave., $80,000; and 1 story, 50 x 100 ft. plant, Clermont Ave., $75,000. Work will be done by separate contracts under supervision E. M. Adelsohn, archt. and engr., 350 Stone Ave.

N. Y., Rosebank (Sta. Staten Island)—PLANT—L. A. Dreyfus Co., 7 story, 40 x 300 ft., rein.-con. and steel addition, concrete pile foundation, to Turner Constr. Co., 244 Madison Ave., New York City. Archts. est. $200,000.

N. Y., Tonawanda—FACTORY—Rudolph Wurlitzer Mfg. Co., Niagara Falls Blvd., rein.-con., brick and steel addition, to L. A. Harding, 1335 Main St., Buffalo, to exceed $300,000.

Pa., Blairsville — FOUNDRY — B. H. Prack, engr., Martin Bldg., Pittsburgh, will build 1 story, 130 x 312 ft., concrete and steel foundry, here, for Conemaugh Iron Wks. $300,000. Work will be done by separate contracts. Noted Oct. 29.

Pa., Lancaster — CIGAR FACTORY — Consolidated Cigar Co., 52nd St. and 5th Ave., New York City, 1 story and 1 story addition, 63 x 300 ft., brick, Prince St., here, to J. H. Wickersham, Duke St., $50,000.

Pa., New Brighton — FACTORY — Standard Sanitary Mfg. Co., Bessemer Bldg., Pittsburgh, general contract 4 story and basement, 30 x 50 ft., rein.-con. addition to chemical building, here, to B. A. Groah Constr. Co., 847 West North Ave., Pittsburgh. Engrs. est. $50,000. Noted Sept. 24.

Del., Wilmington — FACTORY — C. E. Wunder, archt., 1520 Locust St., Phila., Pa., 4 story and basement, brick and steel, plain foundation, 215 French St., here, to J. A. Bader, Lackey Bldg., for Topkis Bros. Co., 217 French St. Archts. est. $100,000. Noted Oct. 22.

N. C., Charlotte — PLANT — Scandinivia Belting Co., Norfolk, Va., about 4 story, cotton belting plant, here, to Lockwood, Greene & Co., 1 Pershing Sq., New York City, N. Y., and 24 Federal St., Boston, Mass.

Mich., Detroit — POWER HOUSE — A. Kahn, archt., 1000 Marquette Bldg., 2 story and basement, 62½ x 70 ft., brick and steel, Gratiot Ave., to H. G. Christman Co., 315 Stevens Bldg., for Hudson Motor Car Co., 12601 Jefferson Ave. Noted Oct. 1.

Mich., Monroe — FOUNDRY — Detroit Stoker Co., General Motors Bldg., 1 story, 150 x 162 ft., brick and steel foundry, also pattern shop, etc., East 1st St., to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland, O.

Mo., North Kansas City — MACHINE SHOP—R. W. Yates Laundry Mchry. Co., 1210 West 9th St., Kansas City, will build 1 story, 145 x 150 ft., brick, plain foundation, 10th and Cherry Sts., here, by day labor, under supervision G. C. Martin, supt. constr., 321 East 11th St., Kansas City. Archts. est. $45,000.

Okla., Halleyville—ICE PLANT—Southern Ice & Utilities Co., S. M. Marrs, genl. mgr., will remodel ice plant, by day labor. $50,000. Private plans. Noted Aug. 6.

Calif., Long Beach—SWITCH STATION, etc.—Southern California Edison Co., 306 West 3rd St., Los Angeles, rein.-con. switch station and generator plant, to Stone & Webster, Byrne Bldg., Los Angeles, approximately $750,000.

Buildings—Commercial

PROPOSED WORK

N. H., Portsmouth — HOTEL — Rockingham Hotel, having plans prepared by J. H. Richardson, 56 Grove St., Dover, 5 story and basement, 60 x 80 ft., rein.-con. and brick, plain foundation, State St. $150,000.

Vt., Rockingham (Bartonsville P. O.) — THEATRE — Town, L. S. Hayes, town clk., having sketches made by Hutchins & French, 11 Beacon St., Boston, Mass., 1 and 2 story, brick and steel theatre. $250,000. Noted Sept. 17.

Mass., Boston—EXCHANGE—New England Telephone & Telegraph Co., 50 Oliver St., plans exchange on site Hotel St. James, Bowdoin Sq., West End Section. To exceed $150,000. Engineer and architect not selected.

Mass., Boston—HOME—Y. M. C. A., A. S. Johnson, pres., 316 Huntington Ave., plans foreign students home. $500,000. Engineer and architect not selected.

Mass., Boston — STORE and APARTMENT—S. Bernard Realty Co., c/o Silverman, Brown & Heenan, archts., 51 Cornhill St., having plans prepared 5 story and basement, brick, steel and stone, 126 Charles St. $150,000.

Mass., Boston—Y. M. C. A., A. S. Johnson, pres., 316 Huntington Ave., plans to raise $400,000 funds, railroad branch Y M. C. A. for Boston & Maine R.R. employees. $400,000. Engineer and architect not selected.

Mass., Somerville (br. Boston)—WAREHOUSE — Carlisle Ayer Co., 55 Portland St., Boston, plans 1 story, 50,000 sq.ft. floor space, brick, Lowell St., here. $160,000. Private plans.

R. I., Woonsocket—STORE, OFFICE and SOCIETY—L. Union St. Jean Baptiste, c/o W. F. Fountaine, archt., 285 Main St., plans brick store, office and society building. $400,000.

Conn., Hartford — OFFICE — Travelers Insurance Co., 700 Main St., had plans prepared by Donn Barber, 101 Park Ave., New York City, 10 story, 85 x 135 ft., brick and steel addition, Prospect and Grove Sts., $1,500,000.

N. Y., Brooklyn — THEATRE — New Olympic Theatre, Myrtle Ave., having plans prepared by H. Wiseman, archt. and engr., 25 West 43rd St., brick, stone and steel, plain foundation Myrtle Ave. $300,000.

N. Y., Brooklyn—Y. M. C. A., c/o A. A. Van Senderen, chn. Building Com., having plans prepared by F. L. Ackerman, archt. and engr., 19 West 44th St., New York City, 11 story, 80 x 200 ft., brick, stone and steel, plain foundation, Atlantic Ave. and State St.

N. Y., Buffalo — BUSINESS — D. H. Coplon, Electric Bldg., plans 7 story, rein.-con., brick and stone, 606 Maine St. $500,000.

N. Y., Buffalo — THEATRE — Fox Film Co., 496 Pearl St., plans theatre, Main St. $1,000,000.

N. Y., Jamaica—THEATRE—Tri-United Corp., R. A. Wolfe, pres., c/o E. De Rosa, archt. and engr., 10 West 40th St., New York City, having plans prepared brick, stone and steel, plain foundation, Jamaica Ave. between 175th and 176th Sts. $1,000,000.

N. Y., New York—APARTMENT—Empire Mortgage Co., c/o A. J. Thomas, archt. and engr., 15 East 47th St., having plans prepared 5 story, 215 x 300 ft., brick, steel and stone, plain foundation, Sheridan Ave. and East 158th St. $500,000.

N. Y., New York—APARTMENT—Four Hundred and Thirty, East 57th St. Corp., c/o McKim, Mead & White, archts., 101 Park Ave., having plans prepared 15 story, 88 x 90 ft., brick, steel and stone, plain foundation, 428-434 East 57th St. $800,000.

N. Y., New York — APARTMENT — Gronenberg & Leuchtag, archts. and engrs., 450 4th Ave., preparing plans 6 story, 100 x 100 ft., brick, steel and stone, plain foundation, East 84th St. Owner's name withheld.

N. Y., New York—APARTMENTS—L. H. Kaplan, archt. and engr., 1457 Bway., preparing plans six 6 story, brick, steel and stone, plain foundations, University Ave. $500,000 each. Owner's name withheld.

N. Y., New York—APARTMENT—Sommerfield & Sass, archts. and engrs., 31 Union Sq., preparing plans 6 story, 160 x 200 ft., brick, steel and stone, plain foundation, Wadsworth Ave. $500,000. Owner's name withheld.

Buildings—Commercial (Continued)

N. Y., New York—CLUB—Phi Gamma Delta Club, 44 West 44th St., plans 9 story, brick, steel and stone, plain foundation, 106 West 56th St. $500,000. Engineer and architect not selected.

N. Y., New York—GARAGE—Southwest Co., c/o Moore & Landseidel, archts. and engrs., 148th St. and 3rd Ave., having plans prepared 5 story, 180 x 180 ft., rein.-con., brick and steel, plain foundation, Fordham Rd. and Lorillard Pl. $650,000.

N. Y., New York—HOTEL—J. G. Abramson, 46 West 46th St., having plans prepared by L. A. Abramson, archt. and engr., 46 West 46th St., 14 story, 210 x 250 ft., brick, steel and stone, plain foundation, 3rd Ave. and 47th St. $2,500,000.

N. Y., New York—HOTEL—Hotel Properties, Inc., c/o Warren & Wetmore, archts., 16 East 47th St., having plans prepared 19 story, brick, steel and stone, plain foundation, 500 Madison Ave. $1,000,000.

N. Y., New York—LOFT—Three Hundred Twenty-Three West 37th St. Corp., J. Sager, pres., c/o M. Zipkes, archt., 25 West 43rd St., having plans prepared 12 story, 50 x 100 ft., brick, stone and steel, plain foundation, 323 West 57th St. $350,000.

N. Y., New York — LOFT — Trinity Corp., c/o V. Mayper, archt., 15 East 40th St., having plans prepared 10 story, 75 x 150 ft., brick, steel and stone, plain foundation, Varick and Charlton Sts.

N. Y., New York—LOFT and STORE—W. Birns, c/o Buchman & Kahn, archts. and engrs., 49 West 45th St., having plans prepared 23 story, 99 x 100 ft., brick, stone and steel, plain foundation, 6th Ave. and 36th St. $1,000,000.

N. Y., New York—LOFT—A. Brisbane, 238 William St., having revised plans prepared by E. Roth, archt. and engr., 19 West 40th St., 20 story, 85 x 100 ft., brick, stone, and steel, plain foundation, 20 East 57th St. $500,000.

N. Y., Yonkers—HOTEL—Yonkers Chember of Commerce, c/o H. Lansing Quick, archt. and engr., 18 South Bway., New York City, having plans prepared 10 story, brick, stone, steel, plain foundation, Bway. $1,500,000.

N. J., Newark—HOTEL—I. R. Roe, c/o Sharpe, Bready & Peterkin, Inc., archts. and engrs., 50 East 42nd St., New York City, soon takes bids 20 story, rein.-con., brick and steel, plain foundation, 31-33 Lincoln Blvd., here. $2,000,000.

Pa., Allentown—CLUB HOUSE, etc.—Lehigh Country Club purchased 250 acre tract on Little Lehigh, and plans club house, swimming pool, golf course, etc. $250,000. Engineer and architect not selected.

Pa., Connellsville — EXCHANGE — Bell Telephone Co. of Pennsylvania, Phila., Pa., having plans prepared by J. T. Windrim, 1201 Chestnut St., Phila., 2 story and basement, brick and steel, exchange and office building, here. $200,000.

Pa., Highland (Phila. P. O.) — APARTMENT and STORE—MacKenzie & Wiley, archts., Bankers Trust Bldg., Phila., soon lets contract 4 story and basement, 24 x 43 ft., and 2 story and basement, 16 x 55 ft., brick and steel, plain foundation, here. $175,000. Owner's name withheld.

D. C., Wash. — MEMORIAL — Roosevelt Memorial Assn., 1 Madison Ave., New York City, H. Hagedorn, dir., having sketches made by J. R. Pope, 542 5th Ave., New York City, memorial, here. $1,000,000.

Fla., Palm Beach—THEATRE—F. Ziegfeld, 214 West 42nd St., New York City, N. Y., plans brick and stone theatre, plain foundation, here. $3,000,000. Engineer and architect not selected.

La., Shreveport—COURTHOUSE—Caddo Parish Police Jury, voted $1,000,000, constructing courthouse.

Tenn., Memphis — CLUB — Nineteenth Century Club, 174 North 3rd St., W. Halliburton, pres., having plans prepared by G. C. Mahan, Jr., Amer. Bank Bldg., and takes bids about Nov. 15, 3 story and basement, brick, stone and tile, incl. auditorium, swimming pool, etc., on 150 x 175 ft. site, Union Ave. $150,000.

Tenn., Nashville—BANK and OFFICE—Fourth & First Natl. Bank, 326 Union St., having preliminary plans prepared by Ludlow & Peabody, 101 Park Row, New York City, N. Y., modern bank building, 4th and Union Sts. $1,000,000.

Mich., Highland Park (Detroit P. O.) — THEATRE — P. R. Pereira, archt., 333 State St., Detroit, takes bids about Nov. 10, 2 story and basement, 115 x 165 ft., rein.-con. and brick, Woodward and Six Mile Rd., for D. Nederlander, 11 Campus Martius, Detroit. $170,000. Noted April 2, under "Detroit."

Ill., Chicago—APARTMENT—N. F. Wallach, 6438 Greenview Ave., having plans prepared by R. Gregori, and takes bids about Nov. 15, 3 story and basement, 85½ x 125 ft., rein.-con. and steel, Magnolia and Ainslie Aves. $300,000.

Ill., Chicago—BANK and OFFICE—J. Scheitler, archt., 605 North Michigan Ave., takes bids about Dec. 1, 3 story and basement, 56 x 175 ft., rein.-con. and marble, plain foundation, for Phillip State Bank & Trust Co., Clark St. and Lunt Ave. $235,000.

Mo., St. Louis—AUDITORIUM—City, c/o Bd. Pub. Serv., 208 City Hall, having preliminary plans prepared by LaBeaum & Klein, consult. archts., Compton Bldg., 3 story, rein.-con., brick, stone and steel auditorium, 15,000 seating capacity, Market to Clark and 14th to 15th Sts. $5,000,000.

Calif., Santa Barbara — HOTEL — Biltmore Hotel Corp., Biltmore Hotel, Los Angeles, plans approximately 350 room hotel, here. $1,000,000 or more.

BIDS DESIRED

Mass., Boston—HOME—Revere St. Home for Aged Women, H. Woodworth, chn. com., taking bids 3 story and basement, brick, 108 Revere St. $200,000. Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., archts. E. B. Richardson, 220 Devonshire St., engrs. Noted April 16.

Mass., Roxbury (Boston P. O.)—APARTMENT—See "Contracts Awarded."

R. I., Newport—CITY HALL—City, City Clerk's Office, taking bids 3 story and basement, brick and steel, Bway. $200,000. Appleton & Stearns, 53 State St., archts. Noted Sept. 17.

N. Y., New York — APARTMENT — See "Contracts Awarded."

Pa., Phila.—HOTEL—Nov. 7, by B. Shulman, archt., 1722 Arch St., 7 story and basement, 99 x 180 ft., rein.-con., brick and steel, plain foundation, 16th and Callowhill Sts., for J. Marshall Hotel Co., c/o architect.

Fla., Moore Haven — COURT HOUSE — Nov. 16, by Glades Co., N. S. Wainwright, clk., brick and stone court house. $200,000, G. P. Johnson, Ft. Myers, archt. Noted April 30.

O., Cleveland—APARTMENT—M. Weis, archt., 1836 Euclid Ave., taking bids 3 story and basement, 52 x 95 ft., and 55 x 84 ft., brick, Eddy Rd., for M. A. Melamed, 3591 East 121st St. $150,000.

Mich., Detroit — APARTMENT — See "Contracts Awarded."

Ill., Chicago — APARTMENT — H. Costello, 2341 South Michigan Ave., taking bids 3 story, 135 x 160 ft., brick and stone, Euclid Ave. near 71st St. $250,000. P. F. Olson, 720 Cass St., archt.

Ill., Chicago — APARTMENT — P. F. Olson, archt., 720 Cass St., taking bids 5 story, 50 x 150 ft., rein.-con. and brick, 5728 Winthrop Ave., for N. Doherty, 175 West Washington St. $350,000.

Ill., Chicago — GARAGE — Nov. 10, by City, Room 406, City Hall, wrecking present building and constructing new concrete, steel and stone garage, Wrightwood and North Ashland Aves., for Bureau Streets, Dept. Pub. Wks. A. A. Sprague, comr.

Ill., Chicago—HOSPITAL, etc.—Nov. 9, by Cook Co. Supt. Public Service, Room 519 County Bldg., wrecking Childrens Hospital, excavating for and building several new additions to county hospital, Harrison, Wood, Polk and Lincoln Sts. E. E. Hall, 123 Madison St., co. archt. Noted Sept. 10.

Ill., Chicago—HOTEL—Nov. 10, by Oldefest & Williams, archts., 605 North Michigan Ave., 15 story, 50 x 100 ft., rein.-con., brick and terra cotta, 644 Cass St., for Cass Street Building Corp., c/o architects. $800,000.

Ill., West Chicago—TEMPLE—Nov. 7, by C. Hatzfeld, archt., 7 South Dearborn St., Chicago, altering and constructing 3 story, 28 x 53 ft., fireproof addition, for West Masonic Temple Assn.

Mo., St. Louis—STORE and OFFICE—Wedemeyer & Nelson, archts., Wainwright Bldg., taking bids 4 story and basemnt, 40 x 130 ft., rein.-con., brick and stone, 3117-19 South Grand Blvd., for J. E. Dickmann Real Estate Co., 623 Chestnut St. $250,000.

Okla., Boise City—COURT HOUSE—Nov. 16, by Clerk Cimarron Co., 3 story, 60 x 112 ft., concrete, brick and stone, Square. $70,000. Parker & Crawford, Amarillo, Tex., archts. Noted Oct. 15.

Calif., Los Angeles — HOSPITAL — Franciscan Sisters, 1223 Santee St., taking bids 7 story, rein.-con. and steel, Waterloo St. and Bellevue Ave. $450,000. A. C. Martin, 227 Higgins Bldg., archt. Noted May 14.

Calif., San Francisco — APARTMENT — See "Contracts Awarded."

BIDS RECEIVED

N. Y., New York — COURT HOUSE — H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., Oct. 29 general contract court house for 1st Dist., Williamsbridge Rd. and Roberts Ave., from Butler-Reissdorff Co., 120 East 41st St., $238,000. Noted Oct. 22.

CONTRACTS AWARDED

N. H., Laconia — APARTMENT and STORE—T. J. McIntyre, 3 story and basement, 80 x 91 ft., brick, Main St., to F. E. Morrill, Laconia. Archts. est. $150,000. Noted Oct. 1.

Mass., Boston — APARTMENT—Eighty-One Beacon St., Inc., c/o J. D. Leland Co., archts., 41 Mt. Vernon St., 7 story, 4,000 sq.ft. floor space, brick and granite, to W. H. Whitcomb Constr. Co., 6 Beacon St. Archts. est. $250,000. Noted Aug. 6.

Mass., Cambridge (Boston P. O.) — APARTMENT — Mather Court Apartments, 1 Waterhouse St., 6 story and basement, 6,000 sq.ft. floor space, rein.-con. and brick, plain foundation, to Boyle Robertson Co., 370 Commonwealth Ave., Boston. Archts. est. $250,000. Noted Oct. 15.

Mass., Roxbury (Boston P. O.)—APARTMENT—Castlegate Realty Co., 20 Pemberton Sq., Boston, will build 6 story and basement, brick and stone, Walnut Park, here. $150,000. Work will be done by separate contracts. S. E. Moffie, 51 Cornhill St., Boston, archt.

Mass., Worcester — HOSPITAL, etc. — Memorial Hospital, Belmont St., 1 story hospital addition, and 4 story and basement nurses home, brick, to J. W. Bishop & Co., 109 Foster St. To exceed $150,000. Noted Sept. 10.

R. I., Providence—HOME—Rhode Island Hospital, 593 Eddy St., 3 story and basement, rein.-con. and brick, Lackwood St., to Starrett Bros., 101 Park Ave., New York City. Archts. est. $150,000. Noted Sept. 10.

Conn., Hartford—OFFICE—Aetna Fire Insurance Co., 670 Main St., 3 and 4 story, brick and steel office building incl. printing plant, storage, etc., Woodland St., to M. Eidlitz & Son, Inc., 750 Main St. Archts. est. to exceed $150,000. Noted Oct. 22.

Conn., Hartford — SOCIETY — Hartford Aid Society, 52 Sanford St., 3 story, 45 x 150 ft., brick and steel, Sanford St., to S. C. Poriss Co., 104 Asylum St. Archts. est. $150,000.

Conn., Stamford — THEATRE — Owner, c/o C. Vuono, 303 Main St., 1 story, brick and steel, Atlantic St., to C. Vuono Constr. Co., 303 Main St. Archts. est. $150,000.

N. Y., New York—APARTMENT—D. B. F. Realty Corp., c/o C. K. Kreymborg & Sons, archts. and engrs., 2534 Marion Ave., will build 5 story, 72 x 134 ft. brick and steel, plain foundation, Hughes Ave. and 180th St., by day labor. $175,000.

N. Y., New York—APARTMENT—Ninto Building Corp., c/o Sugarman & Berger, archts. and engrs., 345 Madison Ave., will build 15 story, 100 x 100 ft., brick and steel, plain foundation, Riverside Dr. and 106th St. $1,000,000. Work will be done by separate contracts under supervision of architects.

N. Y., New York—APARTMENT—Evabella Constr. Co., c/o L. Stillman, archt. and engr., 311 Lenox Ave., will build 6 story, 63 x 175 ft., brick and stone, plain foundation, Walton and Mt. Eden Aves., by day labor. $200,000.

N. Y., New York — APARTMENT — Thirty Seaman Ave. Realty Co., c/o Sommerfield & Sass, archts. and engrs., 31 Union Sq., will build 5 story, 100 x 150 ft., brick, stone and steel, plain foundation, Seaman Ave., by day labor.

N. Y., New York—APARTMENT—Two Hundred Thirty-Nine Central Park West Corp., Inc., H. B. Rubin, 501 7th Ave., 15 story, brick, steel and stone, plain foundation, 235 Central Park West, to J. Gilbert, 501 7th Ave. Archts. est. $1,000,000.

N. Y., New York—APARTMENT—Union Settlement, 238 East 104th St., 6 story, brick, stone and steel, plain foundation, East 105th St., to Corning Co., Inc., 145 East 45th St. Archts. est. $200,000.

N. Y., New York—APARTMENT—Jatison Constr. Co., c/o Schwartz & Gross, 347 Madison Ave., will build 14 story, 140 x 145 ft., brick, stone and steel, plain foundation, Park Ave. and 40th St., by day labor.

N. Y., New York—APARTMENT—Jatison Constr. Co., Inc., c/o Schwartz & Gross, archts. and engrs., 347 Madison Ave., will build 15 story, brick, steel and stone, plain foundation, 101 East 83rd St., by day labor. $2,000,000. Noted July 30.

N. J., Skillman—STAFF HOUSE, etc.—Dept. Institutions & Agencies, Trenton, general contract 2 and 3 story, 30 x 107 ft. staff house, 30 x 91 ft. home, 29 x 58 ft. doctors home, and repairing cottages at New Jersey Village for Epileptics, here, to C. J. Smith Constr. Co., 202 Academy St., Trenton, $237,351. Noted Oct. 1st.

N. J., Trenton—INFIRMARY and RECEPTION—Institutions & Agencies, 3 story and basement, brick and steel, to C. J.

Buildings—Commercial (Continued)

Smith Constr. Co., 204 Adaney St., for State Home. $101,406. Noted Sept. 24.

Pa., Germantown (Phila. P. O.) — APARTMENT — Lincoln Drive Apartments, c/o Sugarman & Berger, archts. and engrs., 345 Madison Ave., New York City, N. Y., 14 story, brick, steel and stone, plain foundation, here, to Longacre Eng. & Constr. Co., Inc., 345 Madison Ave., New York City, N. Y. Archts. est. $750,000.

Pa., Laurelton — DORMITORIES — Laurelton State Village for Feeble Minded, State Capitol, Harrisburg, Buildings 5, 6 and 7, each 2½ story and basement, 84 x 100 ft., rein.-con., brick and steel, here, to F. K. Worley Corp., Wesley Bldg., Phila., $166,925. Noted Oct. 22.

N. C., Charlotte—BANK and OFFICE—First Natl. Bank, 21 story, rein.-con., brick and steel, to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., Cleveland, O. Archts. est. $1,500,000. Noted Sept. 24.

O., Cincinnati — BANK — Pearl Market Bank, 7th and Race Sts., 3 story and basement, 70 x 90 ft., brick and rein.-con., plain foundation, to M. Penker & Sons, 123 Valencia St. $175,000. Noted July 9.

Mich., Detroit — APARTMENT — R. T. Lee, General Motors Bldg., will build 4 story and basement, brick and steel, plain foundation, Chicago Blvd., by day labor. $500,000. Private plans.

Ill., Chicago — APARTMENT — A. W. Swayne, 400 North Michigan Ave., general contract 17 story and basement, 60 x 123 ft., rein.-con. and steel, 59th St. and Stoney Island Ave., to A. Brundage Co., 110 South Dearborn St. Archts. est. $2,000,000.

Ill., Chicago—APARTMENT—W. A. Conran, 77 West Washington St., masonry and carpentry contract 3 story, 80 x 214 ft., brick, 4742 Drexel Blvd., to D. A. Matteson & Co., 77 West Washington St. Archts. est. $250,000.

Ill., Chicago — STORE and OFFICE — D. F. Chase, Inc., 720 North Michigan Ave., general contract masonry, concrete and carpentry work Stark Building 10 story and basement, rein.-con., brick and stone, 226-232 South Wabash Ave., to L. Balkin, 1852 West Austin Ave., from P. A. Stark Piano Co., 210 South Wabash Ave. Archts. est. $475,000. Noted Sept. 3.

Ill., Chicago — STORE — Holabird & Roche, archts., 104 South Michigan Ave., general contract 6 story and basement, 130 x 166 ft., rein.-con. and steel, woodpile foundation, East Lake St. and North Michigan Ave., to Dahl-Stedman Co., 11 South La Salle St., for McCormick Estates, c/o J. F. Stone, mgr., 30 North La Salle St. Archts. est. $1,000,000. Noted Oct. 1.

Wis., Milwaukee — GARAGE and OFFICE — Oneida & Jackson Co., c/o A. Straus, 230 Grand Ave., 3 story and basement, 100 x 122 ft., brick and concrete, plain foundation, Oneida and Jackson Sts., to Reisinger & Co., 464 Oakland Ave. Archts. est. $150,000.

Neb., Holdrege — ORPHANAGE — Christian Orphan Home, general contract 3 story and basement, 40 x 180 ft., with 40 x 60 ft. wing, brick and concrete, to W. Knutzen & Co., Kearney.

Missouri — CLUB HOUSE — J. Slupsky et al., 5534 Pershing Ave., St. Louis, 2 story and basement, concrete and stucco clubhouse, incl. stables, swimming pool, golf course, riding track, etc. on 122 acre tract on Warson and Denny Rds. between Manchester and Clayton Rds., in St. Louis Co., to G. Griffiths Constr. Co., 705 Olive St., St. Louis. Archts. est. $400,000.

Mo., Kansas City — OFFICE — Dunlap Realty Co., 301 New York Life Bldg., 2 story and basement, 60 x 107 ft., rein.-con., brick and terra cotta, 9th and Delaware Sts., to Morely Constr. Co., Sheidley Bldg. Archts. est. $150,000.

Mo., St. Louis—STORE and OFFICE—J. Darst Real Estate Co., 105 North 8th St., 3 story and basement, brick, concrete and stone, Grand St. and Washington Ave., to Seldon Breck Constr. Co., Fullerton Bldg. Archts. est. $250,000.

Ark., Little Rock — OFFICE — Local Snydicate, c/o P. J. Bradshaw, archt., International Life Bldg., St. Louis, Mo., general contract 8 story and basement, 150 x 150 ft., rein.-con., brick, stone and steel, 3rd and Spring Sts., to Stewart & McGehee Constr. Co., Kahn Bldg. Archts. est. $300,000.

Tex., Breckenridge — COURT HOUSE and JAIL—J. W. Hill, judge Stephens Co., 4 story and basement, rein.-con., brick and stone, to Walsh & Burney, 928 North Flores St., San Antonio, approximaetly $400,000. Noted Sept. 3.

Tex., Houston — WAREHOUSE and OFFICE — Crane Co., c/o U. V. Groenlund, mgr., 2205 McKinney Ave., 4 story and part basement, 100 x 188 ft., and 1 story, 61 x 80 ft., rein.-con., brick and tile, McKinney Ave. and Hutchins St., to J. B. Towsend, 542 West Bldg., $156,675.

Calif., Altadena (Pasadena P. O.) — HOME—Boys and Girls Aid Society, orphanage buildings, here, to Orndorff Constr. Co., 351 North Western Ave., Los Angeles, approximately $265,000. Noted Oct. 29.

Calif., Brawley—HOTEL and STORE—Community Hotel Corp., 3 story, rein.-con. hotel and store, to T. L. Otis Co., 5639 Sunset Blvd., Los Angeles, $171,250. Noted July 2.

Calif., Los Angeles — HOTEL — Hotel Holding Corp., 12 story and basement, rein.-con., Orange Dr., to Trewhitt-Shields, Edwards-Wildey Bldg., approximately $3,-000,000.

Calif., Los Angeles—WAREHOUSE—Goodyear Tire & Rubber Co., 6701 South Central Ave., 4 story, 100 x 280 ft., rein.-con., Central Ave., to Lynch-Cannon Eng. Co., 1027 Chapman Bldg., approximately $215,000. Noted Oct. 22.

Calif., Ontario—THEATRE, etc.—C. L. Emmons, 2 story, 97 x 127 ft., rein.-con. and timber theatre, store and apartment building, to F. W. Edwards, Ontario, $200,000.

Calif., San Francisco—APARTMENT—W. Props, 2335 Larkin St., will build 5 story and basement, rein.-con., California and Franklin Sts., by day labor. $150,000-$160,000. Noted Oct. 29.

Ont., Niagara Falls—TOURIST—Queen Victoria Niagara Falls Park Comn., general contract 1 and 2 story, 140 x 200 ft., stone and concrete, plain foundation, Table Rock, to Pigott-Healy Constr. Co., 36 James St. S., Hamilton, $250,000.

Buildings—Educational, Religious

PROPOSED WORK

N. H., Durham—COLLEGE—University of New Hampshire, R. E. Hetzel, pres., plans college addition. $225,000. Engineer and architect not selected.

Mass., Boston — HIGH SCHOOL — St. Thomas Church Society, 93 South St., Jamaica Plain, plans raising funds to exceed $150,000, new high school, West Roxbury Dist., here. Engineer and architect not selected.

Mass., Medford (br. Boston) — DORMITORY — Tufts College, S. Robbins, chn. com., 20 Pemberton Sq., plans brick dormitory. $150,000. Engineer and architect not selected.

R. I., Central Falls (Ind. br. Pawtucket) —HIGH SCHOOL—Bd. Educ., Pawtucket, having preliminary plans prepared by O'Malley & Fitzsimmons, Fanning Bldg., Pawtucket, 2 story and basement, brick and steel, Summit and Illinois Sts., here. $250,-000. Noted May 21.

Conn., New Haven—CHURCH—Church of the Redeemer, R. M. Houghton, pastor, plans church, Cold Spring St. and Whitney Ave. $250,000. Engineer and architect not selected.

N. Y., Brooklyn—NURSES HOME—Dept. Pub. Welfare, Municipal Bldg., New York City, B. S. Coler, comr., having plans prepared by Dodge & Morrison, 160 Pearl St., New York City, 3 story, 112 x 150 ft., brick and steel addition to Coney Island Hospital, plain foundation, Ocean Parkway, here. $200,000. F. Sutton, 140 Cedar St., New York City, engr.

N. Y., Brooklyn—SCHOOL—Bd. Educ., 500 Park Ave., New York City, soon takes bids P. S. 208, brick, stone, steel and plain foundation, Ave. M, here. $350,000. W. H. Gompert, Flatbush Ave., Extension and Concord St., engr. and archt. Noted Oct. 8.

N. Y., Ithaca—SYNAGOGUE—E. Polaroff. Prudential Bldg., Buffalo, plans campaign to raise $300,000 for synagogue, at Cornell University.

N. J., Plainfield—CHURCH—First Baptist Church, J. H. Case, chn. building com., plans church. $200,000. H. Upjohn, Grand Central Terminal, New York City, archt.

Pa., Johnstown — HIGH SCHOOL — Bd. Educ. having plans prepared by J. E. Adams, Nemo Bldg., Pittsburgh, completing Garfield Junior High School, 4 story and basement, 65 x 404 ft., brick and steel, Sheridan and Decker Sts. $750,000. Noted Oct. 1.

La., New Orleans — SCHOOL — Orleans Parish School Bd., plans to sell $2,500,000 bonds Nov. 10, for new schools. J. A. Forties, pres.

Mich., Jackson — HIGH SCHOOL — Bd. Educ. soon takes bids 3 story and basement, 150 x 350 ft., brick and stone school $1,200,000. Childs & Smith, 720 North Michigan Ave., Chicago, Ill., archts. Noted Aug. 27.

Kan., Topeka — AUDITORIUM and LIBRARY — Election Nov. 24, $550,000 bonds for auditorium, and $275,000 bonds for library. E. M. Covell, city clk.

Mo., Mexico — HIGH SCHOOLS — Election Nov. 23, $300,000 bonds, new high schools, etc. Noted May 21.

Tex., Wichita Falls—MEDICAL ARTS—Owner, c/o J. W. Culbertson, City Natl. Bank Bldg., having plans prepared by Voelcker & Dixon, Morgan Bldg., 11 story and basement, 100 x 150 ft., rein.-con., brick and stone, 8th and Lamar Sts. $1,000,000.

Calif., San Bernardino — SCHOOLS — Voted $785,000 bonds, 11 elementary schools and additions and 3 Junior High Schools and additions. Noted July 23.

Calif., San Leandro — COLLEGE — St. Marys College, Bway. and Hawthorne St., had plans prepared by J. J. Donovan, Tapscott Bldg., Oakland, group college buildings, incl. administration, faculty, dormitories, gymnasium, power house, etc. $3,000,000.

Calif., San Luis Obispo—HIGH SCHOOL—Plans election $150,000 bonds, (1st unit) fireproof high school.

BIDS DESIRED

Mass., Charlestown (Boston P. O.) — SCHOOL — Schoolhouse Dept., Boston, taking bids 2 story and basement, 40 x 130 ft., brick and limestone, plain foundation, Warren St., Bunker Hill Dist., here. $200,-000. J. Driscoll, 6 Beacon St., Boston, archts.

Mass., Charlestown (Boston P. O.) — HIGH SCHOOL — Schoolhouse Dept., Boston, taking bids 2 story and basement, brick and stone addition to contain manual training shops, Monument Sq., Bunker Hill Dist., here. $150,000. McLaughlin & Burr, 80 Boylston St., Boston, archts.

Pa., Westmont (Johnstown P. O.) — CHURCH—Westmont Presbyterian Church, c/o J. W. Walters, Johnstown, taking bids 2 story and basement, 49 x 72 ft. church, Luzerne St. and 5th Ave. $150,000.

Ala., Fairfield—COLLEGE—Nov. 15, by G. W. Word, pres. Miles Memorial College, 3 story, 100 x 150 ft., brick and stone college. $250,000. Private plans.

Ill., Elmhurst—HIGH SCHOOL—Nov. 23, by J. C. Llewellyn Co., archts., 38 South Dearborn St., Chicago, 3 or 4 story, 40 x 180 ft., rein.-con. and brick addition, here, for Bd. Educ. $150,000.

Calif., Los Angeles — SYNAGOGUE — Norton & Wallis, archts., and Edelman & Barnett, associated archts., Financial Bldg., taking bids synagogue, Hobart and Wilshire Blvds., for B'Nai B'Rith Congregation. To exceed $750,000.

BIDS RECEIVED

Mass., Taunton — SCHOOL — Bd. Pub. Property Com., Oct. 21, 2 story and basement, 75 x 125 ft., brick, steel and stone, plain foundation, from M & D Constr. Co., 51 Cornhill St., Boston, $135,738. Noted Oct. 8.

N. J., Blackwood—HIGH SCHOOL—Bd. Educ., c/o J. Price, Glendora, general contract Junior High School, 2 story and basement, 106 x 130 ft., rein.-con. and brick, plain foundation, from G. Brandt, Blackwood, $116,872. Noted Oct. 22.

Mich., Detroit—HIGH SCHOOL—Reford Union Schools, 2 story and basement, 106 x 110 ft., rein.-con. and brick, Grand River Ave., from W. W. DeLange, 7040 Farnsworth Ave., Detroit, $154,012.

Mich., Detroit — SCHOOL — Bd. Educ., Oct. 16, 2 story and basement, 132 x 171 ft., rein.-con., steel, and brick, plain foundation, Nashville Ave., from M. A. Mahoney, 400 Penobscot Bldg., $204,497. Noted Oct. 15.

CONTRACTS AWARDED

Mass., Arlington (Boston P. O.) — CHURCH — Church of Our Savior, W. M. Bixby, pastor, 38 Marathon St., 1 and 2 story and basement, rein.-con., brick and stucco, plain foundation, to T. C. Davis, 15 Oak Terrace, Newton Highlands. Archts. est. $150,000. Noted Oct. 1.

Mass., Boston — SCHOOL — Mission Church Parish, J. O'Leary, pastor, 2 story and basement, 65 x 200 ft., brick and stone,

Buildings—Educational, Religious (Cont.)

plain foundation, Tremont St., to McDonald & Imhoff, 164 Dudley St., Roxbury. Archts. est. $200,000.

Mass., New Bedford—HIGH SCHOOL—City, Pub. Building Com., South Junior High School, 3 story and basement, brick, stone and steel, Frederick St., to A. E. Stephens, 145 State St., Springfield, $360,-800; heating, to J. N. Conway, 470 Union St., $81,135. Noted Oct. 29.

Mass., Worcester — NURSES HOME — Worcester Memorial Hospital, Belmont St., 4 story, brick and steel addition, to J. W. Bishop & Co., 109 Foster St., about $460,-000. Noted Sept. 24.

R. I., Edgewood (Providence P. O.)—LIBRARY — Hall Estate, c/o G. F. Hall, archt., 807 Union Trust Bldg., Providence, 2 story, brick, memorial library, Broad St., to C. G. Maguire, Grosvenor Bldg., Providence. Archts. est. $150,000. Noted June 11.

N. Y., Brooklyn—SCHOOL—St. Francis College, 41 Butler St., 3 story, 90 x 105 ft., brick and stone, plain foundation, Butler St., to J. H. Eisele Co., 18 East 41st St., New York City. Archts. est. $175,000. Noted Oct. 8.

N. Y., Kenmore—SEMINARY—Mount St. Marys Seminary, rein.-con., brick and stone, Delaware Ave., to Mosier & Summers, 1266 Seneca St., Buffalo, $400,000.

N. Y., Port Richmond (Sta. Staten Island)—HIGH SCHOOL—Bd. Educ., 500 Park Ave., New York City, for high school, Innis St. and St. Joseph Ave., general contract, to G. DeKemple, Inc., 30 Church St., New York City, $594,000 plumbing, to T. E. O'Brien, 6311 5th Ave., Brooklyn, $41,889; heating, to D. J. Rice, Inc., 405 Lexington Ave., New York City, $71,700; and electrical work, to New York Electrical Constr. Co., 8 East 41st St., New York City, $26,-320. Grand total $733,909. Noted Oct. 29.

N. J., Long Branch — SCHOOL — Bd. Educ., 2 story, 71 x 251 ft., and 117 x 153 ft., brick and steel, plain foundation, Westwood Ave., to Zerbe Constr. Co., 1133 Bway., New York City, $425,550; heating and ventilating, to A. T. Van Cleve, Inc., Ocean Grove, N. J., $54,676; plumbing, to W. R. Hogg, 412 Bond St., Asbury Park, $24,900. Noted Oct. 29.

Ala., Birmingham — LIBRARY—Library Bd., 4 story and basement, 100 x 150 ft., limestone rock and Alabama marble, 21st St., to Foster & Creighton Co., 4th & 1st Natl. Bank Bldg., Nashville, Tenn., $404,-900. Noted Oct. 15.

La., Bastrop—HIGH SCHOOL—Morehouse Parish, Bd. Educ., general contract 2 story, brick and concrete high school, to H. Cleveland, Shreveport, $123,024; heating and plumbing, etc., to W. Fitzgerald, Shreveport, $29,575. Noted Sept. 17.

Mich., Birmingham — SCHOOL — Bd. Educ., general contract 2 story and basement, 18 room, rein.-con. and brick addition, plain foundation, to N. A. Starr, Royal Oak, $189,500. Noted Feb. 19.

Mich., Detroit—CHURCH—G. D. Mason & Co., archts., 80 Griswold St., 2 story and basement, 41 x 118 ft., and 45 x 60 ft., rein.-con., brick and steel, plain foundation, 3rd and Phila. Aves., to A. A. Albrecht Co., 1130 Penobscot Bldg., for Christ Evangelical Lutheran Church, 760 West Phila. Ave. Archts. est. $150,000. Noted July 30.

Mich., Detroit — CHURCH, etc. — Williams & Coughlin, archts., 801 Kresge Bldg., 9 story and basement, 75 x 100 ft. apartment and office building, 2 story and basement, 79 x 100 ft. church, and 3 story, 50 x 100 ft. rectory, 12th St. and West Grand Blvd., to Gallagher-Flemming Co., 6500 Epworth Blvd., for West Grand Boulevard Methodist Episcopal Church. $800,-000. Noted Oct. 15.

Ill., Waukegan — GYMNASIUM—Township High School Bd., 1 story (48 ft.), 136 x 183 ft., concrete, brick and stone gymnasium, to J. Soller & Sons, 329 Masonic Temple Bldg., Davenport, Ia. Noted Oct. 1.

Wis., Cudahy — HIGH SCHOOL — Bd. Educ., W. Rasche, pres., masonry, concrete and excavation for (1st unit) 2 story and basement, 60 x 60 ft., and 62 x 180 ft., brick and tile, plain foundation, to L. Unger, 626 Armour Ave., cost plus basis, not to exceed $67,000; carpentry work, to Polasek Bros., 501 Armour Ave., $24,200; structural steel, to Milwaukee Structural Steel Co., Watertown Rd., Milwaukee, $14,615. Noted Oct. 22.

Wis., Marinette—SCHOOL—St. Josephs Catholic Congregation, 1230 Elizabeth Ave., 2 story and basement, brick and tile, plain foundation, to C. J. Hansen, 222 South 12th St., Green Bay. Archts. est. $150,000. Noted Oct. 1.

Ia., Dubuque — CHURCH — Grand View Methodist Episcopal Church, general contract 1 story and basement, 50 x 125 ft., brick and stone church, to W. L. Yokum, 304 Federal Bldg. Noted Sept. 24.

Kan., Pittsburg — LIBRARY — Kansas State Teachers College, general contract 3 story, 97 x 147 ft., rein.-con., brick and stone library, to Sharp Bros. Constr. Co., Eldorado, $125,000. Noted Oct. 15.

Wash., Walla Walla—WOMENS DORMITORY — Lawrence & Holford, archts., Chamber of Commerce Bldg., Portland, Ore., general contract 3 story and basement, brick, here, to O. D. Keen, Spokane, for Whitman College. Archts. est. $150,000.

Federal Government Work

PROPOSED WORK

Arizona — Road — U. S. Forest Service, Tucson, made surveys grading and gravel-ing Pinery Caynon Rd. in Chiriahua Mountains, Cochise Co. $60,000 appropriated. C. W. McKenzie, engr.

BIDS DESIRED

D. C., Wash.—Boiler Plant Equipment—Spec. 5152.—Nov. 18, by Bureau Yards & Docks, Navy Dept., combined feed water heater and meter, reciprocating boiler feed pumps, storage tank, etc., at Naval Hospital.

Tex., Galveston—Dredging—Nov. 27, by U. S. Engineer Office, dredging channel between Port Aransas and Corpus Christi; adv. E. N.-R. Nov. 5.

Utah, Salt Lake City—Post Office—Nov. 23, by Treas. Dept. at office Supervising Archt., Wash., D. C., constructing mezzanine floor, etc., in post office and courthouse, here; adv. E. N.-R. Nov. 5.

Wash., Puget Sound—Storehouse—Spec. 5106—Nov. 25, by Bureau Yards & Docks, Navy Dept., Wash., D. C., storehouse, Naval Ammunition Depot, here. Noted Oct. 8.

Ore., Portland—BARGES—Nov. 12, by Engineer Office, New Post Office Bldg., two 120 x 34 x 7½ ft. steel barges.

BIDS RECEIVED

Ky., Louisville—Gates—U. S. Engineer Office, Oct. 26, from Independent Bridge Co., P. O. Box 1920, Pittsburgh, Pa., lock gates for Lock 46 $51,240, Lock 49 $53,740, for Locks 46 and 49 combined $102,240. Noted Oct. 1.

Mo., Kansas City—U. S. Engineer Office, 707 Postal Telegraph Bldg., Oct. 16, 1,110 lin.ft. current retards in Quindaro Bend, Missouri, from Woods Bros. Constr. Co., 132 South 13th St., Lincoln, Neb. at $54 per ft.

Mo., Kansas City — Current Retards — U. S. Engineer Office, 707 Postal Telegraph Bldg., Oct. 7, 270 lin.ft. current retards in Missouri River, near Parkville, from Woods Bros. Constr. Co., 132 South 13th St., Lincoln, Neb., $14,850.

CONTRACTS AWARDED

Mass., Beverly—Excavation—U. S. Engineer Office, Boston, rock excavation in harbor, here, to Bridgeport Dredge & Dock Co., 1024 Main St., Bridgeport, Conn., $97,-537. Noted Oct. 22.

N. Y., New York—Dredging—U. S. Engineer Office, 2nd Dist., dredging and rock removal, Area 1, New York and New Jersey Channels, to Seeley Eng. Co., 2 Rector St., New York City, $264,920. Noted Oct. 8.

D. C., Wash.—Lamp Standards—Treas. Dept., at Office Supervising Archt., cast iron lamp atsndards, to Flour City Ornamental Iron Co., 2637 27th Ave. S., Minneapolis, Minn., $3,300. Noted Oct. 29.

Ga., Savannah—Jetties—U. S. Engineers Office, Post Office Bldg., raising jetties at entrance Fernandina Harbor, Fla., to Simons-Maysant Co., Mry. & S. R.R., Charleston, S. C. $187,200.

Ky., Louisville—Wicket Irons—U. S. Engineer Office, P. O. Box 72, Oct. 20, wicket irons, etc., for Navigable Passes, Dams 49 and 50, Ohio River, to Amer. Car & Fdry. Co., Jeffersonville, Ind., $75,174. Noted Sept. 24.

O., Sandusky—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., post office, here, to A. Blair, 11 South Lawrence St., Montgomery, Ala., $146,010 (15 months). Noted Oct. 8.

Unclassified

PROPOSED WORK

Golf Course, etc. — Bourne, Mass. — Oyster Harbor, Inc., c/o F. W. Norris, 31 Milk St., Boston, having sketches made by Whitten & Gore, 31 Milk St., Boston, golf course and club house, here. To exceed $25,000.

Terminals — Charlestown (sta. Boston), **Mass.** — Wiggin Terminals, Inc., 50 Terminal St., plans Kumber Terminals, Medford St., Mystic River, wharves to dock five steamers, bulkheads, locomotive cranes, etc. $200,000. Warren Eng. Corp., 501 Terminal St., engr.

Playground—Dorchester (Boston P. O.)—**Mass.**—City, Street Layingout Dept. plans constructing Oak Ave., Charlemont and Delmont Sts. as school playground. $25,-000. J. F. Sullivan, secy.

Stadium—Everett (Boston P. O.) **Mass.**—City, L. D. Chisholm, mayor, plans stadium, high school field. To exceed $25,-000. Engineer not selected.

Swimming Pool, etc.—Newport, R. I.—Newport Beach Assn. A. McFowan, mgr., had plans prepared by H. Upjohn, 70 East 45th St., New York City, 60 x 100 ft. brick and tile swimming pool, 20 ft. deep, Newport Beach. $150,000.

Swimming Pool, etc. — Bradley Beach, N. J.—Boro plans swimming pool, baths, comfort station, etc. $200,000. F. P. Reichey, boro clk.

Swimming Pool, etc.—Allentown, Pa.—See "Buildings—Commercial."

Stadium—Johnstown, Pa.—Election Nov. 3, $250,000 bonds, stadium on Point Recreation Grounds, and improving said grounds. L. Franke, mayor.

Oil Pipe Line—Lawton, Miss.—Lawton Oil Refining Co. making preliminary plans 14 mi. 6 in. pipe line from oil field to refinery. $60,000. W. D. McBee, Lawton, engr.

Swimming Pool — Memphis, Tenn. — See "Buildings—Commercial."

Zoological Park—Detroit, Mich.—Detroit Zoological Park Comn., 2134 Dime Bank Bldg., having plans prepared by Donaldson & Meier, 1314 Penobscot Bldg., for architectural work, etc. for new zoological park, incl. approximately 100 x 200 ft. aviary, Ten Mile Rd. $500,000.

Subway—Paola, Kan.—See "Bridges."

Land Development — Clayton, Mo. — E. Davis Realty Co., 1101 Locust St., St. Louis, making preliminary plans 210 acre subdivision on Ladue Rd. west of here, St. Louis Co., incl. streets, water, sewers, sixty 3 story apartment houses, gas, electric light, etc. $200,000 upwards. Pitzman Eng. & Survey Co., 615 Chestnut St., St. Louis, engrs.

Pleasure Resort—Raymondsville, Tex.—R. Halloway plans pleasure resort and swimming pool. $30,000.

Transmission Line—Sweetwater, Tex.—See "Buildings—Industrial."

Transmission Line — Oklahoma—Nowata Pub. Serv. Co., Nowata, plans transmission line from Nowata to Tulsa. $300,000.

Gravel Plant—Ft. Gibson, Okla.—Grand River Gravel Co., J. T. Langley, mgr., 1614 South Cheyenne St., Tulsa, plans gravel producing plant, here. $25,000.

Swimming Pool — Burlingame, Calif. — Plans election $50,000 bonds for swimming pool, incl. boilers, etc. $6,000, filtration, wiring, etc. $7,500, dressing rooms $2,500, and plunge $12,000. J. S. James, city engr.

Subway—Toronto, Ont.—East York and Scarboro Twps., plan concrete and structural steel subway under Victoria Park Ave. $80,000. C. E. Fraser, 1361 Kingston Rd., and G. R. Jack, 443 Sammon Ave., engrs.

BIDS DESIRED

Subway—New York, N. Y.—Nov. 17, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing Sect. 7, Route 78, extending under West 174th St. and Fort Washington Ave. from West 174th to West 183rd Sts.

Street Lighting System—Biloxi, Miss.—See "Streets and Roads."

Stadium — Columbia, Mo. — Dec. 1, by Curators University of Columbia, rein.-con. stadium, approximately 25,000 seating capacity, also football field. Jamieson & Spearl, 1116 Arcade Bldg., St. Louis, engrs. Noted May 21.

Transmission Line — Oklahoma — See "Contracts Awarded."

Unclassified (Continued)

Wharf—Chandler, Que.—Nov. 6, by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldgs., Ottawa, extension to landing wharf, here, Gaspe Co. $25,000.

Wharf—Victoria Beach, Man.—Nov. 17, by S. E. O'Brien, secy. Dept. Pub. Wks., Parliament Bldgs., Ottawa, extension to wharf, Lake Winnipeg, here, Springfield Co. $25,000.

Turbines, etc.—Winnipeg, Man.—Nov. 9, by Hydro Electric System, Princess St., 2 units horizontal shaft turbines, and governors for hydro electric system. $125,000.

BIDS RECEIVED

Electrical Installation—Phila., Pa.—Dept. Pub. Wks., Bureau of Engineering Oct. 27, electrical installation in city owned property east of Broad St. south of Pattison Ave., from W. P. Pangborne & Co., 1925 West Montgomery St., $86,092.

Causeway—South Carolina—Offices State Hy. Comn., Columbia, embankment for 1.753 mi. Hog Island Causeway, on State Route 40, State Project S-586, Charleston Co., from Mayfield Constr. Co., Denmark, $27,867; 339 ft. timber trestle over same course, from Dawson Eng. Co., 21 Broad St., Charleston, $13,335; 2nd section of same embankment, from Sanford & Brooks, West Shore Terminal, Charleston, $76,645. Noted Oct. 1.

CONTRACTS AWARDED

Ice Skating Arena — Springfield, Mass. — Springfield Arena Co., c/o E. P. Smith, 52 Devonshire St., Boston, ice skating arena, incl. 13 mi. pipe cement casing, machine house, etc., to F. T. Ley Co., 495 Main St.

Heating and Ventilating — Worcester, Mass. — Holy Cross College, J. Dinard, pres., heating and ventilating system, in library and chapel, to Merrill Co., 98 Granite St., Boston. Archts. est. $25,000. Noted Sept. 17.

Car Barn — Waterbury, Conn. — Connecticut Co., West Main St., 1 story, 205 x 367 ft., brick, concrete and steel, West Main St., to H. Wales Lines Co., 134 State St., Meriden. Half of structure to be built now. Archts. est. $450,000. Noted Oct. 15 under "Industrial works."

Inspection Shed-Corona (Ind. Sta. Flushing), **N. Y.** — Bd. Transportation, 49 Lafayette St., New York City, inspection shed enclosure at Corona Yard, here, to Riverdale Constr. Co., 1440 Bway., New York City, $235,000. Noted Oct. 22.

Foundation — Lebanon, Pa. — Lebanon Natl. Bank, foundation for 1 story and basement, 51 x 90 ft., steel, marble and stone, 9th St., to J. H. Wickersham, Duke St., Lancaster, $175,000.

Foundation—Pittston, Pa.—Pittston Hospital Assn., Miners Bank Bldg., Wilkes Barre, foundation for 5 story and basement, 37 x 150 ft. hospital, here, to E. S. Williams, 342 New St., Scranton, cost plus percentage basis. Archts. total est. $500,000.

Stadium — Chicago, Ill. — South Park Comrs., 57th St. and Cottage Grove Ave., rein.-con. and Benedict stone stadium addition, in Grant Park, to J. Griffiths & Sons Co., 12 West Adams St., $2,202,605. Noted June 18.

Piling — Omaha, Neb. — A. H. Blank Theatre Co., 300 Commonwealth Bldg., Des Moines, Ia., piling, to MacArthur Pile & Foundation Co., 55 John St., New York City, N. Y., about $25,000. Noted Oct. 29 under "Buildings—Commercial."

Swimming Pool and Golf Course, etc.—Missouri—See "Buildings—Commercial."

Hydro-Electric Station — Marble Falls, Tex.—Marble Falls Textile Mills, c/o J. H. Baston, pres., Waco accessory work on dam, long boom, head gate, etc., to L. L. Winans, 2824 Travis Ave., Fort Worth, $57,170.

Transmission Line—Oklahoma—Chickasha Gas & Electric Co., Chickasha, will build 9 mi. transmission line from Minco to Union City and distribution system at Union City, by day labor. $27,000. F. D. Shafer, Chickasha, engr.

Lighting System — Pasadena, Calif. — Ornamental lighting system in North Fair Oaks Ave. between Chestnut and Washington Sts., to Ducey & Breitenstein, P. O. Box 203, R. F. D. 3, $44,000; in Colorado St. between west city limits and Virginia St., to Underground Constr. Co., 517 South Bway., $40,925.

Foundations — Fort Alexander, Man. — Manitoba Pulp & Paper Co. Ltd., Winnipeg, concrete pile and caisson foundations for 6 pulp and paper mills, rein.-con. and brick, here, to Carter Halls Aldinger Co., Ltd., Winnipeg, $750,000.

Ice Rink — Toronto, Ont. — Ravina Rink Co., 50 Rowland Ave., general contract 1 story, 100 x 175 ft., artificial ice rink, to G. L. Robinson, 9 Frank Crescent; heating and plumbing, to C. C. Hicks, 741 Lansdowne Ave.; and refrigeration, to Refrigerating Engineers; Ltd., 457 King St. Engrs. est. $150,000. Noted June 25.

Materials

BIDS DESIRED

Cable—Buffalo, N. Y.—Nov. 10, by J. F. Flood, Supt. Supplies, lead encased cable, incl. 6,000 ft. of 6 conductor, in 2,000 ft. reels, and 8,000 ft. of 10 conductor in 2,000 ft. reels.

Asphaltic Cement, etc.—Brooklyn, N. Y. —Nov. 11, by J. A. Guider, pres. Brooklyn Boro Hall, 200,000 gal. asphaltic cement for sheet asphalt and bituminous concrete mixtures "A" in liquid form; 2,500 cu.yd. binder stone, 1,000 tons limestone, 3,000 cu.yd. asphalt sand, and 3,000 cu.yd. 1½ in. broken stone.

Sand, Paving Blocks, etc. — New York, N. Y.—Nov. 12, by J. Miller, pres. Manhattan Boro, Municipal Bldg., 3,000 cu.yd. asphalt sand, 1,000 tons inorganic dust, 25,000 special 5 in. granite paving blocks, 2,000 cu.yd. binder stone and 250,000 gal. asphalt cement.

Cement — Mobile, Ala. — Dec. 1, by Alabama State Docks Comn., State Office Bldg., 54,000 bbl. Portland cement. W. I. Sibert, chn.; adv. E. N.-R. Nov. 5.

CONTRACTS AWARDED

Fuel Oil—Boston, Mass.—Supply Dept., City Hall, 5,461,000 gal. heavy fuel oil, to Petroleum Heat & Power Co., 100 Boylston St., $0.048 per gal. This corrects report in Oct. 22 issue.

Broken Stone—Long Island City, N. Y. —M. J. Shugrue, acting pres. Queens Boro. Queens Subway Bldg., 3,450 cu.yd. broken stone, for Bureau Highways, to Peace Bros., Inc., 20 Main St., Flushing, $9,971. Noted Oct. 29.

OFFICIAL PROPOSALS

OFFICIAL PROPOSALS

Bids: Nov. 16.

Road Work

STATE OF NEW JERSEY
STATE OF HIGHWAY COMMISSION
Trenton, N. J.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the State Highway Commission of New Jersey for the following:

Construction of Route No. 5, Section No. 16, Dover Cutoff, in the County of Morris. Estimated 28,430 cu. yds. earth excavation; 300 cu. yds. rock excavation; 21,374 sq. yds. eight-inch double line reinforced concrete pavement.

Bids for the above will be received at the office of the State Highway Commission, 9th floor, Broad Street Bank Building, Trenton, New Jersey, on Monday, November 16, 1925, at twelve o'clock (12:00 Noon) Standard Time and will be opened and read immediately thereafter.

Drawings, specifications and form of bid, contract and bond for the proposed work are on file in the office of the State Highway Department, Trenton, New Jersey, and may be inspected by prospective bidders. Plans will be furnished on a deposit of Ten Dollars ($10.00) upon application to the State Highway Department, Room 901, Broad Street Bank Building, Trenton, New Jersey. Bids must be made on the standard proposal forms in the manner designated in the 1924 specifications and must be enclosed in sealed special addressed envelopes bearing the name and address of the bidder and the name and section of the route on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten per cent (10%) of the amount of the bid, provided that the said certified check shall not be less than $500.00 nor more than $20,000.00 and be delivered at the above place on or before the hour named. Copies of the standard proposal form and special addressed envelopes will be furnished on application. Bids not enclosed in special addressed envelopes will be considered informal and will not be opened.

Each bidder must accompany his bid with a certificate from a surety company duly authorized to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of the said specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Each bidder must also accompany his bid with a Statement of Equipment properly filled out.

By order of the State Highway Commission.

A. LEE GROVER,
Secretary.

OFFICIAL PROPOSALS

Bids: Dec. 2.

Sewerage, Waterworks and Drainage Construction for 1926

New Orleans, La., Oct. 3, 1925.

Sealed proposals will be received by the Sewerage and Water Board of New Orleans up to 12 o'clock, noon, of Wednesday, December 2nd, 1925, for furnishing labor and material on a percentage basis for sewerage, waterworks and drainage construction, during the year 1926.

Specifications and blank proposal forms may be obtained at the office of the Board, No. 526 Carondelet Street, New Orleans, Louisiana.

The right is reserved to reject any, or all bids.

A. G. MOFFAT,
Secretary.

GEO. G. EARL,
General Superintendent.

OFFICIAL PROPOSALS

Bids: Nov. 24.

Concrete Arch Bridge, etc

Palatka, Fla.

SEALED PROPOSALS for a REINFORCED CONCRETE BRIDGE, a steel lift span, and an earth filled causeway, for the Putnam County Memorial Bridge about 4,200 feet long across the St. Johns River at Palatka, Florida will be received at the office of the Bond Trustees for Special Road and Bridge District Number Seven of Putnam County, Florida, at Palatka, Florida, until ten o'clock a. m. of the twenty-fourth day of November 1925, and at that time and place will be publicly opened and read.

Each bidder shall file with his bid a surety company bond, executed by a surety company authorized by the State of Florida to do a surety business in this state, in an amount equal to the bid and guaranteeing the execution and complete performance of the contract if awarded, upon such bidders proposal.

Form of contract, plans and specifications may be examined at the office of the Bond Trustees for Special Road and Bridge District Number Seven of Putnam County, Florida, in Palatka, Florida.

Form of contract, copies of plans and specifications may be had from the above Trustees for $25.00; which $25.00 will be returned when the plans and specifications are returned intact, provided they are not retained more than three months.

The right is reserved to reject any or all bids, in the discretion of said Bond Trustees.

BOND TRUSTEES FOR A SPECIAL ROAD AND BRIDGE, DISTRICT NUMBER SEVEN, OF PUTNAM COUNTY, FLA.

By J. W. HART,
Secretary.